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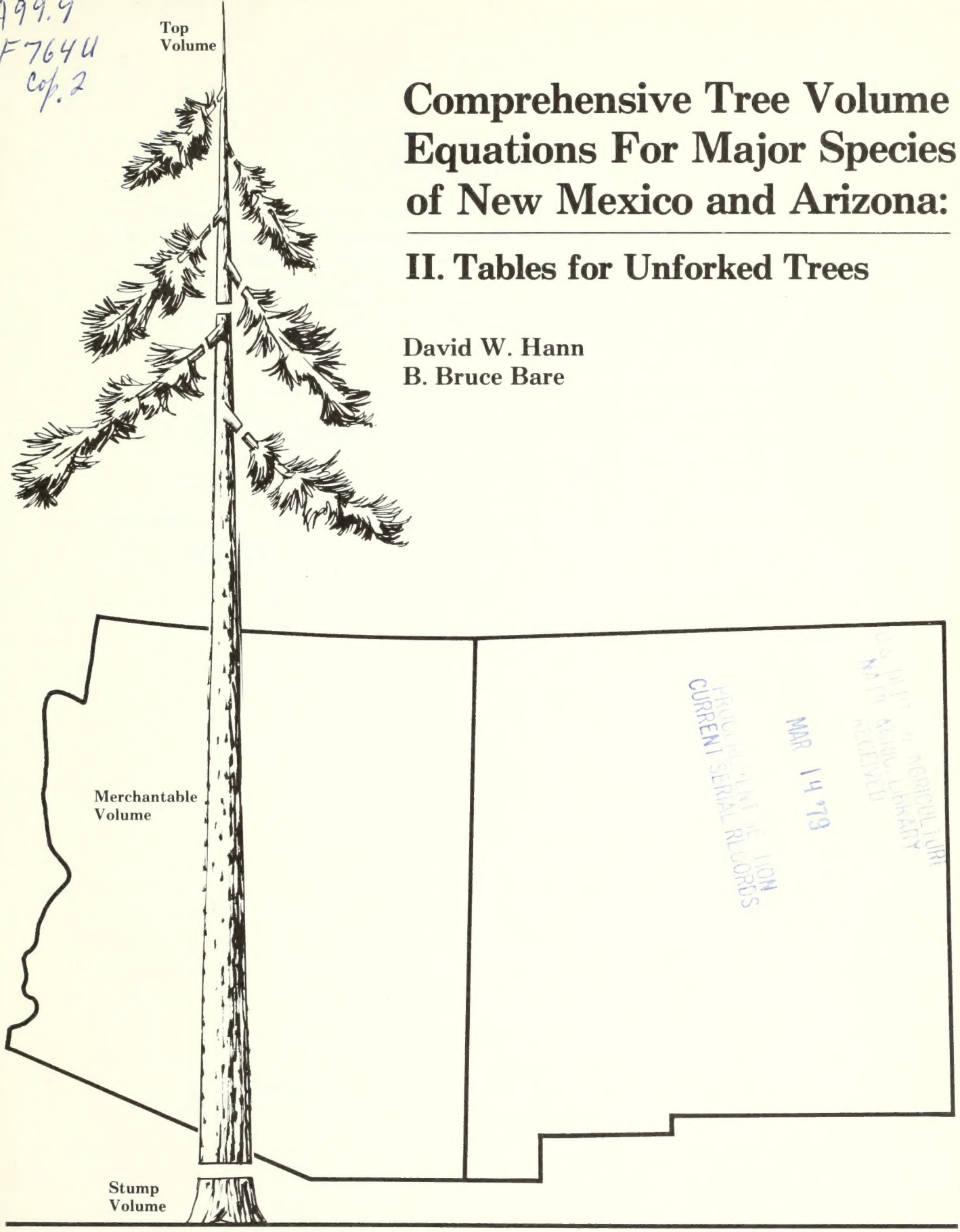

Comprehensive Tree Volume Equations For Major Species of New Mexico and Arizona:

II. Tables for Unforked Trees

David W. Hann
B. Bruce Bare

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COMPREHENSIVE TREE VOLUME EQUATIONS FOR MAJOR SPECIES OF NEW MEXICO AND ARIZONA:

II. TABLES FOR UNFORKED TREES

David W. Hann and B. Bruce Bare

INTERMOUNTAIN FOREST AND RANGE EXPERIMENT STATION
Forest Service
U.S. Department of Agriculture
Ogden, Utah 84401

RESEARCH SUMMARY

Selected volume tables for unforked trees are presented for major species of New Mexico and Arizona. The volume equations used to derive these tables are described in the companion publication, "Comprehensive tree volume equations for major species of New Mexico and Arizona: I. Results and Methodology."

INTRODUCTION

The tree volume tables presented here were computed from volume equations developed for the major tree species on five National Forests in New Mexico and Arizona (table A). The equations and the methodology used to derive them can be found in the companion publication, "Comprehensive tree volume equations for major species of New Mexico and Arizona: I. Results and methodology."

For each species and National Forest combination, tables for the following unforked tree volumes are given:

1. Total stem gross cubic foot volume
2. Total stem net cubic foot volume
3. Gross merchantable cubic foot volume to a top diameter inside bark (d.i.b.) of 4 inches
4. Net merchantable cubic foot volume to a top d.i.b. of 4 inches
5. Gross merchantable cubic foot volume to a top d.i.b. of 6 inches
6. Net merchantable cubic foot volume to a top d.i.b. of 6 inches
7. Gross International 1/4-inch board foot volume to a top d.i.b. of 6 inches
8. Net International 1/4-inch board foot volume to a top d.i.b. of 6 inches
9. Gross Scribner board foot volume to a top d.i.b. of 6 inches
10. Net Scribner board foot volume to a top d.i.b. of 6 inches.

The two variables necessary to use these tables are diameter at breast height (d.b.h.) and total tree height. Also presented in the tables are the number of trees, by diameter class and by height class, that were used in the development of the equations. It should be noted that, with the exception of total stem cubic foot volume tables, tree counts across diameter classes will not necessarily add to the tree counts across height classes. This apparent discrepancy arises because the tables begin with that diameter class that is one class larger than the merchantable top diameter. Because some of the trees used in developing the equations had a diameter smaller than this diameter class, they were eliminated from the tree counts.

Table A.--*Data sources*

Species	National Forest				
	Coconino	Tonto	Lincoln	Santa Fe	Carson
Blackjack pine[1] (*Pinus ponderosa* Laws.)	X	X	X	X	X
Yellow pine[1] (*Pinus ponderosa* Laws.)	X	X	X	X	X
Douglas-fir (*Pseudotsuga menziesii* var. *glauca* [Mirb.] Franco)		X	X	X	X
White fir (*Abies concolor* [Gord. and Glend.])			X	X	X
Southwestern white pine (*Pinus flexilis* var. *reflexa* Engelm.)			X	X	X
Engelmann spruce (*Picea engelmannii* Parry)			X	X	X
Aspen (*Populus tremuloides* Michx.)				X	X
Corkbark fir (*Abies lasiocarpa* var. *arizonica* [Merriam] Lemm.)				X	X

[1]In the Southwest, blackjack and yellow pines are distinguished by their bark colors; blackjack pines have very dark bark and yellow pines heavily plated, orange bark. This distinction is based on age, growth, and vigor differences rather than botanical differences, but foresters have found it useful in forest management planning.

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TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.2	.3														0
3	.3	.5	.7													0
4	.5	.8	1.1	1.5												0
5	.7	1.2	1.7	2.2	2.7											3
6	.9	1.6	2.4	3.1	3.8	4.6										1
7	1.2	2.2	3.1	4.1	5.1	6.1	7.1									2
8	1.5	2.8	4.1	5.4	6.7	8.0	9.3	10.6								4
9	1.8	3.5	5.1	6.7	8.4	10.0	11.7	13.3	15.0							3
10		4.2	6.3	8.3	10.3	12.4	14.4	16.4	18.5							2
11		5.1	7.5	10.0	12.5	14.9	17.4	19.8	22.3	24.8						2
12		6.0	8.9	11.9	14.8	17.7	20.6	23.6	26.5	29.4						0
13		7.0	10.5	13.9	17.3	20.8	24.2	27.6	31.1	34.5	37.9					2
14		8.1	12.1	16.1	20.1	24.1	28.0	32.0	36.0	40.0	44.0					3
15			13.9	18.5	23.0	27.6	32.2	36.7	41.3	45.9	50.5	55.0				3
16			15.8	21.0	26.2	31.4	36.6	41.8	47.0	52.2	57.4	62.6				2
17			17.8	23.7	29.5	35.4	41.3	47.2	53.0	58.9	64.8	70.6	76.5			1
18			19.9	26.5	33.1	39.7	46.3	52.8	59.4	66.0	72.6	79.2	85.8			2
19			22.2	29.5	36.8	44.2	51.5	58.9	66.2	73.5	80.9	88.2	95.5	102.9		0
20				32.7	40.8	48.9	57.1	65.2	73.3	81.5	89.6	97.7	105.9	114.0		2
21				36.0	45.0	53.9	62.9	71.9	80.8	89.8	98.8	107.7	116.7	125.6	134.6	1
22				39.5	49.3	59.2	69.0	78.9	88.7	98.5	108.4	118.2	128.0	137.9	147.7	1
23				43.2	53.9	64.7	75.4	86.2	96.9	107.7	118.4	129.2	139.9	150.7	161.4	2
24				47.0	58.7	70.4	82.1	93.8	105.5	117.2	128.9	140.6	152.4	164.1	175.8	0
25					63.7	76.4	89.1	101.8	114.5	127.2	139.9	152.6	165.3	178.0	190.7	0
26					68.9	82.6	96.3	110.1	123.8	137.6	151.3	165.0	178.8	192.5	206.3	1
27					74.2	89.1	103.9	118.7	133.5	148.3	163.1	178.0	192.8	207.6	222.4	1
28					79.8	95.8	111.7	127.6	143.6	159.5	175.4	191.4	207.3	223.2	239.2	1
29					85.6	102.7	119.8	136.9	154.0	171.1	188.2	205.3	222.4	239.5	256.6	0
30						109.9	128.2	146.5	164.8	183.1	201.4	219.7	238.0	256.3	274.5	0
31						117.4	136.9	156.4	176.0	195.5	215.0	234.5	254.1	273.6	293.1	1
32						125.0	145.9	166.7	187.5	208.3	229.1	249.9	270.7	291.5	312.4	0
33						133.0	155.1	177.2	199.4	221.5	243.6	265.8	287.9	310.0	332.2	1
34						141.1	164.6	188.1	211.6	235.1	258.6	282.1	305.6	329.1	352.6	1
35							174.4	199.3	224.2	249.1	274.0	298.9	323.8	348.7	373.6	0
36							184.5	210.9	237.2	263.6	289.9	316.3	342.6	368.9	395.3	0
37							194.9	222.8	250.6	278.4	306.2	334.1	361.9	389.7	417.5	0
38							205.6	235.0	264.3	293.7	323.0	352.4	381.7	411.1	440.4	0
39							216.6	247.5	278.4	309.3	340.2	371.1	402.0	433.0	463.9	1
40								260.3	292.8	325.4	357.9	390.4	422.9	455.4	488.0	0
41								273.5	307.7	341.8	376.0	410.2	444.3	478.5	512.7	0
42								287.0	322.8	358.7	394.5	430.4	466.3	502.1	538.0	0
43								300.8	338.4	376.0	413.6	451.1	488.7	526.3	563.9	0
44								315.0	354.3	393.7	433.0	472.4	511.7	551.0	590.4	0
45									370.6	411.7	452.9	494.1	535.2	576.4	617.5	0
46									387.2	430.2	473.2	516.3	559.3	602.3	645.3	0
47									404.2	449.1	494.0	538.9	583.8	628.7	673.6	0
48									421.6	468.4	515.3	562.1	608.9	655.8	702.6	0
49									439.4	488.2	537.0	585.8	634.6	683.4	732.2	0
50									457.5	508.3	559.1	609.9	660.7	711.5	762.3	0
BASIS TREES	0	3	3	8	9	4	6	5	3	1	1	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.2	.3														0
3	.3	.5	.7													0
4	.5	.8	1.1	1.5												0
5	.7	1.2	1.7	2.2	2.7											3
6	.9	1.6	2.3	3.1	3.8	4.5										1
7	1.2	2.1	3.1	4.1	5.1	6.1	7.0									4
8	1.5	2.8	4.0	5.3	6.6	7.8	9.1	10.3								5
9	1.8	3.4	5.1	6.7	8.2	9.8	11.4	12.9	14.5							3
10		4.2	6.2	8.2	10.1	12.0	13.9	15.8	17.7							2
11		5.0	7.4	9.8	12.1	14.4	16.7	19.0	21.3	23.6						3
12		6.0	8.8	11.6	14.4	17.0	19.7	22.4	25.1	27.8						0
13		7.0	10.3	13.6	16.7	19.8	22.9	26.0	29.1	32.2	35.4					5
14		8.0	11.9	15.6	19.3	22.8	26.3	29.8	33.4	37.0	40.6					5
15			13.6	17.9	22.0	26.0	29.9	33.9	37.9	41.9	46.0	50.1				3
16			15.4	20.2	24.8	29.3	33.7	38.1	42.6	47.1	51.7	56.3				6
17			17.3	22.7	27.9	32.8	37.7	42.6	47.5	52.5	57.6	62.7	67.9			3
18			19.3	25.3	31.0	36.5	41.8	47.2	52.6	58.1	63.7	69.4	75.0			2
19			21.5	28.1	34.3	40.3	46.1	51.9	57.8	63.8	70.0	76.2	82.4	88.7		0
20				30.9	37.7	44.2	50.5	56.8	63.2	69.7	76.4	83.2	90.0	96.8		3
21				33.9	41.3	48.2	55.0	61.8	68.7	75.8	83.0	90.3	97.7	105.1	112.5	1
22				37.0	45.0	52.4	59.6	66.9	74.3	81.9	89.6	97.5	105.5	113.5	121.5	1
23				40.2	48.8	56.7	64.4	72.1	80.0	88.1	96.4	104.9	113.4	122.0	130.6	2
24				43.6	52.7	61.1	69.3	77.4	85.8	94.4	103.3	112.3	121.4	130.6	139.9	0
25					56.7	65.7	74.2	82.8	91.7	100.8	110.2	119.8	129.5	139.3	149.2	0
26					60.9	70.3	79.3	88.3	97.6	107.2	117.2	127.4	137.7	148.1	158.5	1
27					65.2	75.0	84.4	93.8	103.6	113.7	124.2	134.9	145.9	156.9	167.9	1
28					69.5	79.8	89.6	99.4	109.6	120.2	131.3	142.6	154.1	165.7	177.4	1
29					74.0	84.7	94.9	105.0	115.7	126.8	138.3	150.2	162.3	174.5	186.8	0
30						89.7	100.2	110.7	121.8	133.4	145.4	157.9	170.5	183.3	196.3	0
31						94.8	105.6	116.5	127.9	139.9	152.5	165.5	178.8	192.2	205.7	1
32						100.0	111.1	122.3	134.1	146.6	159.6	173.2	187.0	201.0	215.2	1
33						105.2	116.6	128.1	140.2	153.2	166.8	180.8	195.2	209.9	224.6	1
34						110.6	122.2	134.0	146.5	159.8	173.9	188.5	203.5	218.7	234.0	1
35							127.9	139.9	152.7	166.4	181.0	196.2	211.7	227.5	243.4	0
36							133.6	145.8	159.0	173.1	188.1	203.8	219.9	236.3	252.9	0
37							139.4	151.9	165.3	179.8	195.3	211.5	228.2	245.1	262.3	0
38							145.3	157.9	171.6	186.5	202.5	219.2	236.4	254.0	271.7	0
39							151.2	164.0	178.0	193.3	209.7	226.9	244.7	262.8	281.2	1
40								170.2	184.4	200.0	216.9	234.6	253.0	271.7	290.7	0
41								176.5	190.9	206.9	224.2	242.4	261.3	280.6	300.2	0
42								182.8	197.4	213.8	231.5	250.2	269.7	289.6	309.8	0
43								189.2	204.1	220.7	238.9	258.1	278.2	298.6	319.4	0
44								195.7	210.7	227.7	246.3	266.1	286.7	307.8	329.2	0
45									217.5	234.8	253.9	274.2	295.3	317.0	339.0	0
46									224.4	242.0	261.5	282.3	304.0	326.3	349.0	0
47									231.4	249.4	269.3	290.6	312.9	335.8	359.1	0
48									238.5	256.8	277.1	299.0	321.9	345.4	369.3	0
49									245.7	264.3	285.1	307.5	331.0	355.1	379.7	0
50									253.0	272.0	293.3	316.2	340.3	365.1	390.3	0
BASIS TREES	0	3	4	13	14	5	9	6	4	1	1	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.4	.7	.9	1.1	1.4											3
6	.7	1.2	1.7	2.2	2.7	3.3										1
7	.9	1.7	2.6	3.4	4.2	5.0	5.9									2
8	1.1	2.3	3.5	4.6	5.8	7.0	8.1	9.3								4
9	1.4	2.9	4.5	6.0	7.5	9.1	10.6	12.1	13.7							3
10		3.6	5.6	7.5	9.4	11.4	13.3	15.2	17.2							2
11		4.4	6.8	9.1	11.5	13.9	16.3	18.6	21.0	23.4						2
12		5.2	8.1	10.9	13.8	16.6	19.5	22.3	25.2	28.0						0
13		6.1	9.5	12.8	16.2	19.6	22.9	26.3	29.7	33.0	36.4					2
14		7.0	11.0	14.9	18.8	22.7	26.7	30.6	34.5	38.4	42.3					3
15			12.6	17.1	21.6	26.1	30.6	35.2	39.7	44.2	48.7	53.2				3
16			14.3	19.4	24.6	29.7	34.9	40.1	45.2	50.4	55.5	60.7				2
17			16.1	21.9	27.8	33.6	39.4	45.3	51.1	56.9	62.7	68.6	74.4			1
18			18.0	24.6	31.1	37.7	44.2	50.8	57.3	63.9	70.4	76.9	83.5			2
19			20.1	27.4	34.7	42.0	49.3	56.6	63.9	71.2	78.5	85.8	93.1	100.4		0
20				30.3	38.4	46.5	54.6	62.7	70.8	78.9	87.0	95.1	103.2	111.3		2
21				33.4	42.4	51.3	60.2	69.1	78.1	87.0	95.9	104.9	113.8	122.7	131.7	1
22				36.7	46.5	56.3	66.1	75.9	85.7	95.5	105.3	115.1	124.9	134.7	144.5	1
23				40.1	50.8	61.5	72.2	83.0	93.7	104.4	115.1	125.8	136.6	147.3	158.0	2
24				43.6	55.3	67.0	78.6	90.3	102.0	113.7	125.4	137.0	148.7	160.4	172.1	0
25					60.0	72.7	85.3	98.0	110.7	123.4	136.0	148.7	161.4	174.1	186.8	0
26					64.9	78.6	92.3	106.0	119.7	133.4	147.2	160.9	174.6	188.3	202.0	1
27					69.9	84.7	99.5	114.3	129.1	143.9	158.7	173.5	188.3	203.1	217.9	1
28					75.2	91.1	107.0	122.9	138.8	154.8	170.7	186.6	202.5	218.4	234.3	1
29					80.6	97.7	114.8	131.9	148.9	166.0	183.1	200.2	217.2	234.3	251.4	0
30						104.6	122.8	141.1	159.4	177.7	195.9	214.2	232.5	250.7	269.0	0
31						111.6	131.1	150.7	170.2	189.7	209.2	228.7	248.2	267.7	287.3	1
32						118.9	139.7	160.5	181.3	202.1	222.9	243.7	264.5	285.3	306.1	0
33						126.5	148.6	170.7	192.8	214.9	237.1	259.2	281.3	303.4	325.5	1
34						134.2	157.7	181.2	204.7	228.2	251.6	275.1	298.6	322.1	345.6	1
35							167.1	192.0	216.9	241.8	266.7	291.5	316.4	341.3	366.2	0
36							176.8	203.1	229.5	255.8	282.1	308.4	334.8	361.1	387.4	0
37							186.8	214.6	242.4	270.2	298.0	325.8	353.6	381.4	409.2	0
38							197.0	226.3	255.6	285.0	314.3	343.7	373.0	402.3	431.7	0
39							207.5	238.4	269.3	300.2	331.1	362.0	392.9	423.8	454.7	1
40								250.7	283.2	315.8	348.3	380.8	413.3	445.8	478.3	0
41								263.4	297.6	331.7	365.9	400.0	434.2	468.3	502.5	0
42								276.4	312.3	348.1	383.9	419.8	455.6	491.5	527.3	0
43								289.7	327.3	364.9	402.4	440.0	477.6	515.1	552.7	0
44								303.3	342.7	382.0	421.4	460.7	500.0	539.4	578.7	0
45									358.4	399.6	440.7	481.9	523.0	564.2	605.3	0
46									374.5	417.5	460.5	503.5	546.5	589.5	632.5	0
47									391.0	435.9	480.8	525.6	570.5	615.4	660.3	0
48									407.8	454.6	501.4	548.2	595.1	641.9	688.7	0
49									424.9	473.7	522.5	571.3	620.1	668.9	717.7	0
50									442.5	493.3	544.1	594.9	645.7	696.5	747.3	0
BASIS TREES	0	3	3	8	9	4	6	5	3	1	1	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.4	.7	.9	1.1	1.4											3
6	.7	1.2	1.7	2.2	2.7	3.2										1
7	.9	1.7	2.5	3.4	4.2	5.0	5.8									4
8	1.1	2.3	3.5	4.6	5.7	6.8	8.0	9.1								5
9	1.4	2.9	4.4	5.9	7.4	8.9	10.3	11.8	13.3							3
10		3.6	5.5	7.4	9.3	11.1	12.9	14.7	16.6							2
11		4.4	6.7	9.0	11.2	13.5	15.7	17.9	20.1	22.3						3
12		5.2	8.0	10.7	13.4	16.0	18.6	21.3	23.9	26.6						0
13		6.0	9.3	12.5	15.7	18.8	21.8	24.9	27.9	31.0	34.1					5
14		7.0	10.8	14.5	18.1	21.7	25.2	28.7	32.2	35.8	39.3					5
15			12.3	16.6	20.7	24.7	28.7	32.7	36.7	40.7	44.8	48.9				3
16			14.0	18.8	23.4	28.0	32.4	36.9	41.4	45.9	50.5	55.1				6
17			15.7	21.1	26.3	31.3	36.3	41.2	46.2	51.3	56.4	61.5	66.7			3
18			17.6	23.6	29.3	34.9	40.3	45.8	51.3	56.9	62.5	68.2	73.9			2
19			19.5	26.1	32.5	38.6	44.5	50.5	56.5	62.6	68.8	75.1	81.4	87.7		0
20				28.8	35.8	42.4	48.8	55.3	61.8	68.5	75.3	82.1	89.0	95.9		3
21				31.6	39.2	46.3	53.3	60.3	67.3	74.6	81.9	89.3	96.8	104.4	111.9	1
22				34.5	42.7	50.4	57.9	65.4	73.0	80.8	88.7	96.7	104.8	112.9	121.1	1
23				37.6	46.4	54.6	62.6	70.6	78.7	87.1	95.6	104.2	112.9	121.7	130.5	2
24				40.7	50.1	58.9	67.4	75.9	84.6	93.5	102.6	111.8	121.1	130.5	140.0	0
25					54.0	63.3	72.3	81.3	90.5	100.0	109.6	119.5	129.5	139.5	149.6	0
26					58.0	67.9	77.3	86.8	96.5	106.5	116.8	127.3	137.9	148.5	159.3	1
27					62.1	72.5	82.4	92.4	102.6	113.2	124.1	135.1	146.4	157.7	169.1	1
28					66.3	77.2	87.6	98.1	108.8	119.9	131.4	143.1	154.9	166.9	178.9	1
29					70.6	82.1	92.9	103.8	115.0	126.7	138.7	151.0	163.6	176.2	188.9	0
30						87.0	98.3	109.6	121.3	133.5	146.1	159.1	172.2	185.5	198.9	0
31						92.0	103.7	115.5	127.7	140.4	153.6	167.2	180.9	194.9	208.9	1
32						97.1	109.3	121.4	134.1	147.3	161.1	175.3	189.7	204.3	219.0	1
33						102.4	114.9	127.4	140.5	154.3	168.6	183.4	198.5	213.7	229.1	1
34						107.7	120.6	133.5	147.0	161.3	176.2	191.6	207.3	223.2	239.3	1
35							126.3	139.6	153.6	168.4	183.9	199.8	216.2	232.8	249.5	0
36							132.2	145.8	160.2	175.5	191.5	208.1	225.1	242.3	259.7	0
37							138.1	152.1	166.9	182.6	199.2	216.5	234.1	252.0	270.0	0
38							144.1	158.4	173.6	189.9	207.0	224.8	243.1	261.7	280.4	0
39							150.2	164.8	180.4	197.1	214.8	233.3	252.2	271.4	290.8	1
40								171.3	187.3	204.5	222.7	241.8	261.3	281.2	301.4	0
41								177.9	194.2	211.9	230.7	250.4	270.6	291.1	312.0	0
42								184.6	201.3	219.4	238.8	259.0	279.9	301.2	322.7	0
43								191.4	208.4	227.0	246.9	267.8	289.3	311.3	333.5	0
44								198.2	215.6	234.7	255.2	276.7	298.8	321.5	344.4	0
45									223.0	242.5	263.5	285.6	308.5	331.9	355.5	0
46									230.4	250.4	272.0	294.7	318.3	342.4	366.7	0
47									238.0	258.4	280.6	304.0	328.2	353.0	378.2	0
48									245.7	266.6	289.4	313.4	338.3	363.9	389.7	0
49									253.5	274.9	298.3	323.0	348.6	374.9	401.5	0
50									261.5	283.4	307.3	332.7	359.1	386.1	413.5	0
BASIS TREES	0	3	4	13	14	5	9	6	4	1	1	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.9	1.3	1.8	2.2	2.6	3.0									2
8	.8	1.6	2.5	3.3	4.1	5.0	5.8	6.6								4
9	1.1	2.4	3.6	4.9	6.1	7.4	8.7	9.9	11.2							3
10		3.2	4.9	6.6	8.3	9.9	11.6	13.3	15.0							2
11		4.0	6.1	8.3	10.5	12.7	14.8	17.0	19.2	21.3						2
12		4.8	7.5	10.2	12.9	15.5	18.2	20.9	23.5	26.2						0
13		5.8	9.0	12.2	15.4	18.6	21.8	25.0	28.2	31.4	34.6					2
14		6.7	10.5	14.3	18.1	21.9	25.7	29.4	33.2	37.0	40.8					3
15			12.2	16.6	21.0	25.4	29.7	34.1	38.5	42.9	47.3	51.7				3
16			13.9	19.0	24.0	29.0	34.1	39.1	44.2	49.2	54.2	59.3				2
17			15.8	21.5	27.2	33.0	38.7	44.4	50.1	55.8	61.6	67.3	73.0			1
18			17.7	24.2	30.6	37.1	43.5	50.0	56.4	62.9	69.3	75.8	82.2			2
19			19.8	27.0	34.2	41.4	48.7	55.9	63.1	70.3	77.5	84.7	91.9	99.1		0
20				30.0	38.0	46.0	54.0	62.0	70.1	78.1	86.1	94.1	102.1	110.1		2
21				33.1	42.0	50.8	59.7	68.5	77.4	86.2	95.1	103.9	112.8	121.6	130.5	1
22				36.4	46.1	55.8	65.6	75.3	85.1	94.8	104.5	114.3	124.0	133.7	143.5	1
23				39.8	50.4	61.1	71.8	82.4	93.1	103.7	114.4	125.0	135.7	146.3	157.0	2
24				43.4	55.0	66.6	78.2	89.8	101.4	113.1	124.7	136.3	147.9	159.5	171.1	0
25					59.7	72.3	84.9	97.5	110.2	122.8	135.4	148.0	160.6	173.2	185.9	0
26					64.6	78.2	91.9	105.6	119.2	132.9	146.5	160.2	173.9	187.5	201.2	1
27					69.7	84.4	99.1	113.9	128.6	143.4	158.1	172.9	187.6	202.3	217.1	1
28					74.9	90.8	106.7	122.5	138.4	154.3	170.1	186.0	201.8	217.7	233.6	1
29					80.4	97.4	114.5	131.5	148.5	165.5	182.6	199.6	216.6	233.6	250.7	0
30						104.3	122.5	140.7	159.0	177.2	195.4	213.7	231.9	250.1	268.3	0
31						111.4	130.8	150.3	169.8	189.3	208.7	228.2	247.7	267.1	286.6	1
32						118.7	139.4	160.2	181.0	201.7	222.5	243.2	264.0	284.7	305.5	0
33						126.2	148.3	170.4	192.5	214.6	236.6	258.7	280.8	302.9	324.9	1
34						134.0	157.5	180.9	204.3	227.8	251.2	274.7	298.1	321.6	345.0	1
35							166.9	191.7	216.6	241.4	266.3	291.1	316.0	340.8	365.7	0
36							176.6	202.9	229.1	255.4	281.7	308.0	334.3	360.6	386.9	0
37							186.5	214.3	242.1	269.9	297.6	325.4	353.2	381.0	408.7	0
38							196.8	226.1	255.4	284.7	314.0	343.3	372.6	401.9	431.2	0
39							207.3	238.1	269.0	299.9	330.7	361.6	392.5	423.3	454.2	1
40								250.5	283.0	315.5	347.9	380.4	412.9	445.4	477.8	0
41								263.2	297.3	331.4	365.6	399.7	433.8	467.9	502.1	0
42								276.2	312.0	347.8	383.6	419.5	455.3	491.1	526.9	0
43								289.5	327.1	364.6	402.1	439.7	477.2	514.8	552.3	0
44								303.1	342.5	381.8	421.1	460.4	499.7	539.0	578.3	0
45									358.2	399.3	440.5	481.6	522.7	563.8	604.9	0
46									374.3	417.3	460.3	503.2	546.2	589.2	632.2	0
47									390.8	435.6	480.5	525.4	570.2	615.1	660.0	0
48									407.6	454.4	501.2	548.0	594.8	641.6	688.4	0
49									424.7	473.5	522.3	571.1	619.8	668.6	717.4	0
50									442.3	493.0	543.8	594.6	645.4	696.2	747.0	0
BASIS TREES	0	1	2	7	9	4	6	5	3	1	1	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.9	1.3	1.8	2.2	2.6	3.0									4
8	.8	1.6	2.5	3.3	4.1	4.9	5.7	6.5								5
9	1.1	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8							3
10		3.1	4.8	6.5	8.1	9.7	11.3	12.9	14.5							2
11		3.9	6.1	8.2	10.2	12.3	14.3	16.3	18.3	20.3						3
12		4.8	7.4	10.0	12.5	15.0	17.4	19.8	22.3	24.8						0
13		5.7	8.8	11.9	14.9	17.8	20.7	23.6	26.5	29.4	32.4					5
14		6.7	10.3	13.9	17.4	20.8	24.1	27.5	30.9	34.3	37.7					5
15			11.9	16.1	20.0	23.9	27.8	31.6	35.4	39.3	43.3	47.2				3
16			13.6	18.3	22.8	27.2	31.5	35.8	40.2	44.6	49.0	53.5				6
17			15.4	20.7	25.7	30.6	35.4	40.2	45.1	50.0	55.0	60.0	65.1			3
18			17.2	23.2	28.8	34.2	39.5	44.8	50.2	55.6	61.1	66.7	72.3			2
19			19.2	25.7	32.0	37.9	43.7	49.5	55.4	61.4	67.5	73.6	79.8	86.0		0
20				28.4	35.3	41.7	48.0	54.3	60.7	67.3	73.9	80.6	87.4	94.2		3
21				31.3	38.7	45.7	52.5	59.3	66.2	73.3	80.5	87.8	95.1	102.5	109.9	1
22				34.2	42.2	49.7	57.0	64.4	71.8	79.4	87.2	95.1	103.0	111.0	119.1	1
23				37.2	45.8	53.9	61.7	69.5	77.5	85.7	94.0	102.5	111.1	119.7	128.3	2
24				40.3	49.6	58.2	66.5	74.8	83.3	92.0	100.9	110.0	119.2	128.4	137.7	0
25					53.5	62.6	71.4	80.1	89.1	98.4	107.9	117.6	127.4	137.2	147.2	0
26					57.4	67.1	76.3	85.6	95.1	104.9	115.0	125.3	135.7	146.2	156.7	1
27					61.5	71.7	81.4	91.1	101.1	111.4	122.1	133.0	144.0	155.1	166.3	1
28					65.7	76.4	86.5	96.7	107.2	118.0	129.3	140.8	152.4	164.2	176.0	1
29					70.0	81.2	91.8	102.3	113.3	124.7	136.5	148.6	160.9	173.3	185.8	0
30						86.1	97.1	108.1	119.5	131.4	143.8	156.5	169.4	182.4	195.5	0
31						91.0	102.4	113.8	125.7	138.1	151.1	164.4	177.9	191.6	205.4	1
32						96.1	107.9	119.7	132.0	144.9	158.4	172.3	186.5	200.8	215.2	1
33						101.3	113.4	125.6	138.3	151.8	165.8	180.3	195.1	210.0	225.1	1
34						106.5	119.0	131.6	144.7	158.6	173.2	188.3	203.7	219.3	235.1	1
35							124.7	137.6	151.2	165.6	180.7	196.4	212.4	228.6	245.1	0
36							130.5	143.7	157.7	172.5	188.2	204.5	221.1	238.0	255.1	0
37							136.3	149.9	164.2	179.6	195.8	212.6	229.9	247.5	265.2	0
38							142.3	156.1	170.8	186.7	203.4	220.9	238.8	257.0	275.4	0
39							148.3	162.5	177.5	193.8	211.1	229.1	247.7	266.5	285.6	1
40								168.9	184.3	201.1	218.9	237.5	256.7	276.2	295.9	0
41								175.4	191.2	208.4	226.7	246.0	265.8	285.9	306.4	0
42								182.0	198.1	215.8	234.7	254.5	274.9	295.8	316.9	0
43								188.7	205.2	223.3	242.7	263.1	284.2	305.8	327.6	0
44								195.5	212.4	230.9	250.9	271.9	293.7	315.9	338.4	0
45									219.6	238.6	259.2	280.8	303.2	326.2	349.4	0
46									227.0	246.5	267.6	289.9	313.0	336.6	360.5	0
47									234.6	254.5	276.1	299.1	322.8	347.2	371.9	0
48									242.2	262.6	284.9	308.4	332.9	358.0	383.4	0
49									250.1	270.9	293.7	318.0	343.2	369.0	395.2	0
50									258.0	279.4	302.8	327.7	353.6	380.2	407.2	0
BASIS TREES	0	3	4	13	14	5	9	6	4	1	1	0	0	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.1	1.6	2.1	2.6	3.1	3.7									2
8	1.9	3.9	5.9	7.9	9.8	11.8	13.8	15.7								4
9	3.6	7.6	11.6	15.6	19.6	23.6	27.6	31.6	35.6							3
10		11.9	18.3	24.8	31.2	37.6	44.0	50.4	56.8							2
11		16.8	25.9	35.1	44.2	53.4	62.5	71.7	80.8	90.0						2
12		22.1	34.3	46.5	58.7	70.9	83.1	95.2	107.4	119.6						0
13		27.9	43.4	58.9	74.4	89.9	105.4	120.9	136.4	151.9	167.4					2
14		34.1	53.2	72.3	91.4	110.5	129.6	148.7	167.8	186.9	206.0					3
15			63.7	86.7	109.6	132.6	155.5	178.5	201.4	224.4	247.4	270.3				3
16			74.9	102.0	129.1	156.2	183.3	210.4	237.4	264.5	291.6	318.7				2
17			86.9	118.3	149.8	181.3	212.8	244.3	275.7	307.2	338.7	370.2	401.7			1
18			99.5	135.7	171.8	207.9	244.1	280.2	316.4	352.5	388.6	424.8	460.9			2
19			112.9	153.9	195.0	236.1	277.2	318.2	359.3	400.4	441.4	482.5	523.6	564.6		0
20				173.2	219.5	265.8	312.0	358.3	404.6	450.8	497.1	543.4	589.6	635.9		2
21				193.5	245.2	297.0	348.7	400.4	452.1	503.9	555.6	607.3	659.1	710.8	762.5	1
22				214.7	272.2	329.7	387.1	444.6	502.1	559.5	617.0	674.5	731.9	789.4	846.9	1
23				237.0	300.5	363.9	427.4	490.9	554.3	617.8	681.3	744.7	808.2	871.7	935.1	2
24				260.2	330.0	399.7	469.4	539.2	608.9	678.7	748.4	818.1	887.9	957.6	1027.3	0
25					360.7	437.0	513.3	589.6	665.9	742.1	818.4	894.7	971.0	1047.2	1123.5	0
26					392.8	475.9	559.0	642.1	725.1	808.2	891.3	974.4	1057.5	1140.6	1223.7	1
27					426.1	516.3	606.4	696.6	786.8	876.9	967.1	1057.3	1147.4	1237.6	1327.8	1
28					460.7	558.2	655.7	753.2	850.8	948.3	1045.8	1143.3	1240.8	1338.3	1435.9	1
29					496.5	601.7	706.8	811.9	917.1	1022.2	1127.4	1232.5	1337.6	1442.8	1547.9	0
30						646.7	759.7	872.7	985.8	1098.8	1211.8	1324.9	1437.9	1550.9	1663.9	0
31						693.2	814.4	935.6	1056.8	1178.0	1299.2	1420.4	1541.6	1662.8	1783.9	1
32						741.3	870.9	1000.6	1130.2	1259.8	1389.4	1519.1	1648.7	1778.3	1907.9	0
33						791.0	929.3	1067.6	1205.9	1344.3	1482.6	1620.9	1759.3	1897.6	2035.9	1
34						842.1	989.4	1136.7	1284.0	1431.3	1578.6	1726.0	1873.3	2020.6	2167.9	1
35							1051.4	1208.0	1364.5	1521.1	1677.6	1834.2	1990.7	2147.2	2303.8	0
36							1115.2	1281.3	1447.3	1613.4	1779.5	1945.5	2111.6	2277.7	2443.7	0
37							1180.8	1356.7	1532.5	1708.4	1884.2	2060.1	2235.9	2411.8	2587.6	0
38							1248.2	1434.1	1620.1	1806.0	1991.9	2177.8	2363.7	2549.6	2735.5	0
39							1317.5	1513.7	1710.0	1906.2	2102.4	2298.7	2494.9	2691.2	2887.4	1
40								1595.4	1802.2	2009.1	2215.9	2422.8	2629.6	2836.4	3043.3	0
41								1679.1	1896.9	2114.6	2332.3	2550.0	2767.7	2985.4	3203.2	0
42								1765.0	1993.8	2222.7	2451.6	2680.4	2909.3	3138.2	3367.0	0
43								1852.9	2093.2	2333.5	2573.8	2814.0	3054.3	3294.6	3534.9	0
44								1942.9	2194.9	2446.9	2698.8	2950.8	3202.8	3454.7	3706.7	0
45									2299.0	2562.9	2826.8	3090.8	3354.7	3618.6	3882.6	0
46									2405.4	2681.6	2957.7	3233.9	3510.1	3786.2	4062.4	0
47									2514.2	2802.9	3091.6	3380.2	3668.9	3957.5	4246.2	0
48									2625.4	2926.8	3228.3	3529.7	3831.1	4132.6	4434.0	0
49									2738.9	3053.4	3367.9	3682.4	3996.9	4311.4	4625.8	0
50									2854.8	3182.6	3510.4	3838.2	4166.0	4493.8	4821.6	0
BASIS TREES	0	1	2	7	9	4	6	5	3	1	1	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.1	1.6	2.0	2.3	2.6	3.0									4
8	1.9	3.9	5.7	7.3	8.6	9.9	11.3	12.8								5
9	3.6	7.5	11.2	14.4	17.1	19.7	22.5	25.5	28.6							3
10		11.7	17.6	22.8	27.2	31.3	35.8	40.6	45.5							2
11		16.5	24.9	32.2	38.4	44.3	50.7	57.4	64.5	71.7						3
12		21.7	32.9	42.6	50.8	58.6	66.9	75.9	85.2	94.7						0
13		27.4	41.6	53.9	64.2	73.9	84.4	95.8	107.6	119.6	131.7					5
14		33.5	50.9	66.0	78.5	90.4	103.1	116.9	131.3	146.0	160.8					5
15			60.9	78.9	93.7	107.7	122.9	139.3	156.5	174.0	191.7	209.4				3
16			71.5	92.6	109.8	126.1	143.7	162.8	182.8	203.3	224.0	244.7				6
17			82.8	107.1	126.7	145.2	165.3	187.3	210.3	233.8	257.6	281.5	305.4			3
18			94.7	122.3	144.4	165.1	187.8	212.6	238.7	265.5	292.4	319.5	346.7			2
19			107.2	138.2	162.8	185.8	211.0	238.7	268.0	297.9	328.2	358.7	389.2	419.7		0
20				154.9	181.9	207.0	234.7	265.4	297.8	331.1	364.8	398.6	432.5	466.4		3
21				172.2	201.6	228.6	258.8	292.4	328.1	364.8	401.8	439.1	476.5	513.8	551.2	1
22				190.1	221.7	250.6	283.2	319.7	358.6	398.6	439.1	479.8	520.6	561.5	602.4	1
23				208.6	242.3	272.9	307.6	346.9	388.9	432.3	476.2	520.4	564.7	609.0	653.3	2
24				227.6	263.1	295.1	331.8	373.8	418.9	465.5	512.8	560.4	608.1	655.8	703.5	0
25					284.2	317.2	355.6	400.1	448.1	497.9	548.5	599.3	650.3	701.4	752.5	0
26					305.3	338.9	378.7	425.4	476.2	529.0	582.7	636.7	690.9	745.1	799.4	1
27					326.3	359.9	400.7	449.4	502.7	558.3	614.9	671.9	729.0	786.3	843.5	1
28					346.9	380.1	421.3	471.5	527.0	585.2	644.4	704.1	764.0	824.0	884.0	1
29					367.1	398.9	440.0	491.3	548.6	608.9	670.5	732.6	794.9	857.3	919.8	0
30						416.2	456.3	508.1	566.8	628.8	692.3	756.4	820.7	885.1	949.6	0
31						431.3	469.7	521.3	580.8	644.0	708.8	774.4	840.3	906.2	972.2	1
32						443.9	479.5	530.1	589.6	653.3	719.0	785.4	852.2	919.1	986.1	1
33						453.3	484.9	533.5	592.2	655.7	721.4	788.0	855.0	922.1	989.3	1
34						458.9	485.1	530.5	587.4	649.9	714.7	780.6	846.9	913.3	979.9	1
35							479.0	519.9	573.9	634.1	697.1	761.2	825.8	890.6	955.4	0
36							465.5	500.3	550.0	606.7	666.5	727.7	789.4	851.3	913.3	0
37							443.3	470.2	513.8	565.5	620.8	677.5	734.9	792.5	850.2	0
38							410.8	427.5	463.3	508.3	557.2	607.9	659.2	710.9	762.6	0
39							366.3	370.3	396.0	432.1	472.8	515.4	558.8	602.5	646.3	1
40								296.0	309.0	333.9	363.9	396.1	429.2	462.7	496.4	0
41								201.7	199.0	209.8	226.5	245.6	265.8	286.4	307.2	0
42								84.1	62.2	55.6	55.7	58.7	62.8	67.4	72.1	0
43								49.7	21.0	8.6	3.5	1.4	.6	.2	.1	0
44								52.1	22.0	9.1	3.7	1.5	.6	.2	.1	0
45									23.0	9.5	3.9	1.5	.6	.2	.1	0
46									24.1	9.9	4.0	1.6	.6	.3	.1	0
47									25.2	10.4	4.2	1.7	.7	.3	.1	0
48									26.3	10.8	4.4	1.8	.7	.3	.1	0
49									27.5	11.3	4.6	1.8	.7	.3	.1	0
50									28.6	11.8	4.8	1.9	.8	.3	.1	0
BASIS TREES	0	1	3	12	14	5	9	6	4	1	1	0	0	0	0	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.7	1.1	1.4	1.8	2.1	2.4									0
8	1.4	2.8	4.2	5.6	7.0	8.4	9.8	11.2								0
9	2.7	5.6	8.6	11.6	14.5	17.5	20.4	23.4	26.4							2
10		9.2	14.1	19.0	23.9	28.8	33.8	38.7	43.6							2
11		13.2	20.5	27.7	34.9	42.1	49.4	56.6	63.8	71.0						2
12		17.8	27.7	37.5	47.4	57.2	67.1	76.9	86.7	96.6						0
13		22.9	35.7	48.4	61.2	74.0	86.7	99.5	112.2	125.0	137.7					2
14		28.5	44.4	60.4	76.4	92.3	108.3	124.3	140.2	156.2	172.1					3
15			54.0	73.4	92.9	112.3	131.8	151.2	170.6	190.1	209.5	229.0				3
16			64.2	87.4	110.6	133.9	157.1	180.3	203.5	226.7	249.9	273.1				2
17			75.2	102.5	129.7	157.0	184.2	211.5	238.7	266.0	293.2	320.5	347.8			1
18			86.9	118.5	150.1	181.7	213.2	244.8	276.4	307.9	339.5	371.1	402.7			2
19			99.4	135.6	171.7	207.9	244.1	280.2	316.4	352.6	388.7	424.9	461.0	497.2		0
20				153.6	194.7	235.7	276.7	317.8	358.8	399.8	440.8	481.9	522.9	563.9		2
21				172.7	218.9	265.0	311.2	357.4	403.6	449.7	495.9	542.1	588.2	634.4	680.6	1
22				192.8	244.4	295.9	347.5	399.1	450.7	502.3	553.9	605.5	657.0	708.6	760.2	1
23				213.9	271.1	328.4	385.7	443.0	500.2	557.5	614.8	672.0	729.3	786.6	843.9	2
24				236.0	299.2	362.4	425.7	488.9	552.1	615.4	678.6	741.8	805.1	868.3	931.5	0
25					328.5	398.0	467.5	536.9	606.4	675.9	745.3	814.8	884.3	953.7	1023.2	0
26					359.2	435.1	511.1	587.1	663.0	739.0	815.0	891.0	966.9	1042.9	1118.9	1
27					391.1	473.8	556.6	639.3	722.1	804.8	887.6	970.3	1053.1	1135.8	1218.6	1
28					424.2	514.1	603.9	693.7	783.5	873.3	963.1	1052.9	1142.7	1232.5	1322.3	1
29					458.7	555.9	653.0	750.1	847.3	944.4	1041.5	1138.6	1235.8	1332.9	1430.0	0
30						599.2	703.9	808.7	913.4	1018.1	1122.9	1227.6	1332.3	1437.1	1541.8	0
31						644.1	756.7	869.3	981.9	1094.5	1207.2	1319.8	1432.4	1545.0	1657.6	1
32						690.6	811.3	932.1	1052.8	1173.6	1294.4	1415.1	1535.9	1656.6	1777.4	0
33						738.6	867.8	997.0	1126.1	1255.3	1384.5	1513.7	1642.8	1772.0	1901.2	1
34						788.2	926.1	1063.9	1201.8	1339.7	1477.5	1615.4	1753.3	1891.1	2029.0	1
35							986.2	1133.0	1279.8	1426.7	1573.5	1720.3	1867.2	2014.0	2160.9	0
36							1048.1	1204.2	1360.3	1516.3	1672.4	1828.5	1984.6	2140.6	2296.7	0
37							1111.9	1277.5	1443.1	1608.7	1774.2	1939.8	2105.4	2271.0	2436.6	0
38							1177.5	1352.9	1528.3	1703.6	1879.0	2054.4	2229.8	2405.1	2580.5	0
39							1244.9	1430.4	1615.8	1801.2	1986.7	2172.1	2357.6	2543.0	2728.4	1
40								1510.0	1705.8	1901.5	2097.3	2293.1	2488.8	2684.6	2880.4	0
41								1591.7	1798.1	2004.5	2210.8	2417.2	2623.6	2830.0	3036.4	0
42								1675.5	1892.8	2110.0	2327.3	2544.6	2761.8	2979.1	3196.3	0
43								1761.4	1989.8	2218.3	2446.7	2675.1	2903.5	3131.9	3360.4	0
44								1849.5	2089.3	2329.2	2569.0	2808.8	3048.7	3288.5	3528.4	0
45									2191.1	2442.7	2694.2	2945.8	3197.3	3448.9	3700.4	0
46									2295.4	2558.9	2822.4	3085.9	3349.5	3613.0	3876.5	0
47									2402.0	2677.7	2953.5	3229.3	3505.1	3780.8	4056.6	0
48									2510.9	2799.2	3087.5	3375.8	3664.1	3952.4	4240.7	0
49									2622.3	2923.4	3224.5	3525.6	3826.7	4127.8	4428.9	0
50									2736.0	3050.2	3364.4	3678.5	3992.7	4306.9	4621.0	0
BASIS TREES	0	0	1	3	8	4	6	5	3	1	1	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
SOUTHWESTERN WHITE PINE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.7	1.0	1.3	1.5	1.6	1.8									4
8	1.4	2.7	4.0	5.0	5.8	6.5	7.4	8.3								5
9	2.7	5.5	8.2	10.3	12.0	13.6	15.4	17.4	19.4							3
10		9.0	13.3	17.0	19.8	22.4	25.3	28.5	31.9							2
11		13.0	19.4	24.7	28.7	32.5	36.7	41.4	46.4	51.5						3
12		17.4	26.2	33.3	38.8	43.8	49.5	55.8	62.6	69.5						0
13		22.4	33.7	42.9	49.9	56.2	63.4	71.6	80.2	89.1	98.1					5
14		27.8	41.9	53.3	61.8	69.6	78.5	88.5	99.1	110.1	121.3					5
15			50.8	64.5	74.7	83.9	94.5	106.4	119.2	132.5	145.9	159.3				3
16			60.3	76.5	88.4	99.0	111.3	125.3	140.3	155.9	171.7	187.6				6
17			70.5	89.3	102.8	114.8	128.8	144.9	162.3	180.3	198.5	216.9	235.3			3
18			81.3	102.7	117.8	131.2	146.9	165.1	184.9	205.3	226.1	247.0	268.0			2
19			92.7	116.9	133.5	148.1	165.4	185.7	207.9	230.8	254.2	277.7	301.3	324.9		0
20				131.7	149.7	165.3	184.1	206.5	231.0	256.5	282.5	308.6	334.9	361.1		3
21				147.0	166.3	182.7	202.9	227.3	254.1	282.1	310.7	339.4	368.3	397.1	426.0	1
22				162.9	183.2	200.2	221.5	247.7	276.8	307.3	338.3	369.6	401.0	432.5	464.0	1
23				179.3	200.3	217.5	239.7	267.6	298.8	331.5	365.0	398.8	432.7	466.6	500.6	2
24				196.0	217.4	234.4	257.2	286.4	319.5	354.5	390.2	426.3	462.6	498.8	535.2	0
25					234.4	250.6	273.6	303.9	338.7	375.6	413.4	451.7	490.0	528.5	567.0	0
26					251.1	266.0	288.5	319.6	355.8	394.3	434.0	474.1	514.4	554.7	595.1	1
27					267.3	280.1	301.6	332.9	370.0	410.0	451.1	492.7	534.6	576.5	618.5	1
28					282.8	292.5	312.3	343.3	380.9	421.7	463.9	506.7	549.7	592.9	636.0	1
29					297.2	302.9	320.1	350.0	387.6	428.7	471.5	514.9	558.6	602.5	646.3	0
30						310.7	324.3	352.4	389.1	430.0	472.7	516.2	560.0	603.9	647.9	0
31						315.4	324.1	349.4	384.5	424.3	466.2	509.0	552.2	595.5	638.8	1
32						316.3	318.7	340.0	372.5	410.4	450.7	491.9	533.6	575.4	617.3	1
33						312.7	307.2	323.1	351.8	386.7	424.2	462.9	502.0	541.4	580.8	1
34						303.6	288.3	297.3	320.9	351.4	385.0	419.9	455.3	491.0	526.7	1
35							260.7	261.0	277.8	302.6	330.8	360.5	390.8	421.3	452.0	0
36							223.0	212.4	220.5	237.7	258.9	281.7	305.2	329.0	352.9	0
37							173.3	149.3	146.7	154.3	166.4	180.4	195.2	210.3	225.5	0
38							109.7	69.4	53.4	49.0	49.8	52.7	56.5	60.6	65.0	0
39							86.9	38.4	16.2	6.7	2.7	1.1	.4	.2	.1	1
40								40.5	17.1	7.0	2.9	1.1	.5	.2	.1	0
41								42.7	18.0	7.4	3.0	1.2	.5	.2	.1	0
42								44.9	19.0	7.8	3.2	1.3	.5	.2	.1	0
43								47.3	19.9	8.2	3.3	1.3	.5	.2	.1	0
44								49.6	20.9	8.6	3.5	1.4	.6	.2	.1	0
45									22.0	9.0	3.7	1.5	.6	.2	.1	0
46									23.0	9.5	3.8	1.5	.6	.2	.1	0
47									24.1	9.9	4.0	1.6	.6	.3	.1	0
48									25.2	10.4	4.2	1.7	.7	.3	.1	0
49									26.3	10.8	4.4	1.8	.7	.3	.1	0
50									27.4	11.3	4.6	1.8	.7	.3	.1	0
BASIS TREES	0	1	3	12	14	5	9	6	4	1	1	0	0	0	0	

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
ENGELMANN SPRUCE-CORKBARK FIR
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.3	.4														0
3	.4	.6	.8													0
4	.6	.9	1.3	1.6												0
5	.8	1.3	1.9	2.4	2.9											17
6	1.0	1.8	2.6	3.3	4.1	4.9										23
7	1.3	2.4	3.4	4.5	5.5	6.6	7.7									17
8	1.6	3.0	4.4	5.8	7.2	8.6	9.9	11.3								12
9	2.0	3.7	5.5	7.3	9.0	10.8	12.5	14.3	16.0							25
10		4.6	6.7	8.9	11.1	13.2	15.4	17.6	19.8							14
11		5.5	8.1	10.7	13.4	16.0	18.6	21.2	23.9	26.5						10
12		6.5	9.6	12.7	15.8	19.0	22.1	25.2	28.3	31.5						5
13		7.6	11.2	14.9	18.6	22.2	25.9	29.6	33.2	36.9	40.6					4
14		8.7	13.0	17.2	21.5	25.7	30.0	34.2	38.5	42.8	47.0					3
15			14.9	19.8	24.6	29.5	34.4	39.3	44.2	49.0	53.9	58.8				5
16			16.9	22.4	28.0	33.6	39.1	44.7	50.2	55.8	61.3	66.9				5
17			19.0	25.3	31.6	37.8	44.1	50.4	56.7	62.9	69.2	75.5	81.7			3
18			21.3	28.3	35.4	42.4	49.4	56.5	63.5	70.5	77.6	84.6	91.6			5
19			23.7	31.6	39.4	47.2	55.1	62.9	70.7	78.6	86.4	94.2	102.0	109.9		1
20				34.9	43.6	52.3	61.0	69.7	78.3	87.0	95.7	104.4	113.0	121.7		4
21				38.5	48.1	57.6	67.2	76.8	86.3	95.9	105.5	115.0	124.6	134.2	143.8	1
22				42.2	52.7	63.2	73.7	84.2	94.7	105.2	115.7	126.2	136.7	147.2	157.7	1
23				46.1	57.6	69.1	80.6	92.0	103.5	115.0	126.5	138.0	149.4	160.9	172.4	0
24				50.2	62.7	75.2	87.7	100.2	112.7	125.2	137.7	150.2	162.7	175.2	187.7	0
25					68.0	81.6	95.1	108.7	122.3	135.8	149.4	163.0	176.5	190.1	203.6	0
26					73.6	88.2	102.9	117.6	132.2	146.9	161.6	176.2	190.9	205.6	220.2	0
27					79.3	95.1	110.9	126.8	142.6	158.4	174.2	190.0	205.8	221.7	237.5	0
28					85.3	102.3	119.3	136.3	153.3	170.3	187.3	204.4	221.4	238.4	255.4	0
29					91.5	109.7	128.0	146.2	164.5	182.7	200.9	219.2	237.4	255.7	273.9	0
30						117.4	136.9	156.4	176.0	195.5	215.0	234.6	254.1	273.6	293.1	0
31						125.3	146.2	167.0	187.9	208.7	229.6	250.4	271.3	292.1	313.0	0
32						133.5	155.7	178.0	200.2	222.4	244.6	266.8	289.1	311.3	333.5	0
33						142.0	165.6	189.2	212.9	236.5	260.1	283.8	307.4	331.0	354.6	0
34						150.7	175.8	200.9	226.0	251.0	276.1	301.2	326.3	351.4	376.5	0
35							186.3	212.9	239.4	266.0	292.6	319.2	345.8	372.3	398.9	0
36							197.1	225.2	253.3	281.4	309.5	337.7	365.8	393.9	422.0	0
37							208.1	237.9	267.6	297.3	327.0	356.7	386.4	416.1	445.8	0
38							219.5	250.9	282.2	313.5	344.9	376.2	407.5	438.9	470.2	0
39							231.2	264.2	297.2	330.2	363.2	396.2	429.2	462.2	495.2	0
40								277.9	312.7	347.4	382.1	416.8	451.5	486.2	521.0	0
41								292.0	328.5	365.0	401.4	437.9	474.4	510.8	547.3	0
42								306.4	344.7	383.0	421.2	459.5	497.8	536.1	574.3	0
43								321.2	361.3	401.4	441.5	481.6	521.8	561.9	602.0	0
44								336.3	378.3	420.3	462.3	504.3	546.3	588.3	630.3	0
45									395.7	439.6	483.5	527.5	571.4	615.3	659.3	0
46									413.4	459.3	505.2	551.2	597.1	643.0	688.9	0
47									431.6	479.5	527.4	575.4	623.3	671.2	719.2	0
48									450.1	500.1	550.1	600.1	650.1	700.1	750.1	0
49									469.1	521.2	573.3	625.4	677.5	729.5	781.6	0
50									488.4	542.7	596.9	651.1	705.4	759.6	813.9	0
BASIS TREES	0	3	38	38	27	20	17	9	2	1	0	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
ENGELMANN SPRUCE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.3	.4														0
3	.4	.6	.8													0
4	.6	.9	1.2	1.6												0
5	.7	1.3	1.8	2.3	2.9											15
6	1.0	1.7	2.5	3.3	4.0	4.8										20
7	1.2	2.3	3.3	4.3	5.4	6.5	7.6									17
8	1.5	2.9	4.2	5.6	6.9	8.4	9.8	11.3								12
9	1.9	3.6	5.3	7.0	8.7	10.5	12.3	14.2	16.0							21
10		4.3	6.4	8.5	10.6	12.8	15.1	17.4	19.8							11
11		5.2	7.7	10.2	12.7	15.3	18.1	20.9	23.9	26.5						12
12		6.1	9.1	12.0	15.0	18.1	21.3	24.7	28.2	31.5						3
13		7.1	10.5	14.0	17.4	21.0	24.7	28.6	32.8	36.9	40.6					3
14		8.2	12.1	16.0	20.0	24.1	28.3	32.8	37.6	42.8	47.0					3
15			13.8	18.2	22.7	27.3	32.1	37.2	42.6	48.5	53.9	58.8				3
16			15.5	20.5	25.5	30.7	36.0	41.7	47.8	54.4	61.3	66.9				3
17			17.4	22.9	28.4	34.1	40.0	46.3	53.0	60.4	68.4	75.5	81.7			3
18			19.3	25.4	31.4	37.6	44.1	50.9	58.4	66.5	75.3	84.6	91.6			4
19			21.3	27.9	34.5	41.2	48.2	55.6	63.7	72.6	82.3	92.8	102.0	109.9		1
20				30.5	37.6	44.8	52.3	60.3	69.1	78.7	89.2	100.6	113.0	121.7		3
21				33.1	40.7	48.4	56.4	65.0	74.4	84.7	96.0	108.3	121.8	134.2	143.8	1
22				35.8	43.8	51.9	60.4	69.6	79.6	90.6	102.7	116.0	130.3	145.8	157.7	1
23				38.5	46.9	55.5	64.4	74.1	84.7	96.4	109.3	123.4	138.7	155.2	172.4	0
24				41.1	50.0	58.9	68.3	78.4	89.7	102.1	115.7	130.7	146.8	164.3	183.1	0
25					53.0	62.2	72.0	82.6	94.5	107.5	121.9	137.7	154.7	173.1	192.9	0
26					55.9	65.4	75.5	86.7	99.0	112.8	127.9	144.4	162.3	181.6	202.4	0
27					58.7	68.5	78.9	90.5	103.4	117.8	133.6	150.9	169.6	189.7	211.4	0
28					61.5	71.4	82.1	94.1	107.6	122.5	139.0	157.0	176.5	197.4	220.0	0
29					64.0	74.1	85.1	97.5	111.4	127.0	144.1	162.7	182.9	204.7	228.0	0
30						76.7	87.9	100.7	115.1	131.1	148.8	168.1	189.0	211.5	235.6	0
31						79.1	90.5	103.6	118.4	135.0	153.2	173.1	194.7	217.8	242.6	0
32						81.2	92.8	106.2	121.5	138.5	157.3	177.7	199.8	223.6	249.0	0
33						83.1	94.9	108.6	124.2	141.7	161.0	181.9	204.5	228.8	254.9	0
34						84.9	96.8	110.7	126.7	144.6	164.3	185.7	208.7	233.5	260.1	0
35							98.4	112.6	128.9	147.2	167.2	189.0	212.5	237.7	264.7	0
36							99.8	114.2	130.8	149.4	169.8	191.9	215.7	241.3	268.6	0
37							101.0	115.6	132.4	151.3	171.9	194.3	218.5	244.3	272.0	0
38							101.9	116.7	133.8	152.8	173.7	196.4	220.7	246.8	274.7	0
39							102.6	117.6	134.8	154.1	175.1	198.0	222.5	248.7	276.8	0
40								118.2	135.6	155.0	176.2	199.1	223.8	250.2	278.3	0
41								118.6	136.1	155.6	176.9	199.9	224.6	251.0	279.3	0
42								118.8	136.3	155.9	177.3	200.3	225.0	251.4	279.6	0
43								118.7	136.4	156.0	177.3	200.3	225.0	251.3	279.5	0
44								118.5	136.2	155.7	177.0	200.0	224.6	250.8	278.8	0
45									135.7	155.3	176.5	199.3	223.7	249.8	277.6	0
46									135.1	154.6	175.7	198.3	222.6	248.4	276.0	0
47									134.3	153.6	174.6	197.0	221.1	246.7	273.9	0
48									133.3	152.5	173.3	195.5	219.3	244.6	271.5	0
49									132.2	151.2	171.7	193.7	217.2	242.1	268.7	0
50									130.9	149.7	170.0	191.7	214.8	239.4	265.6	0
BASIS TREES	0	3	34	39	19	16	13	9	2	1	0	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
CORKBARK FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.3	.4														0
3	.4	.6	.8													0
4	.6	.9	1.2	1.5												0
5	.8	1.3	1.8	2.3	2.7											2
6	1.0	1.8	2.5	3.2	3.8	4.5										3
7	1.3	2.3	3.3	4.2	5.1	6.0	6.8									4
8	1.6	3.0	4.3	5.5	6.6	7.7	8.8	9.8								1
9	2.0	3.7	5.4	6.9	8.3	9.7	11.0	12.2	13.4							4
10		4.6	6.6	8.5	10.2	11.9	13.5	15.0	16.4							4
11		5.5	8.0	10.3	12.4	14.4	16.3	18.0	19.7	21.3						2
12		6.5	9.6	12.3	14.8	17.2	19.4	21.5	23.4	25.3						5
13		7.6	11.2	14.5	17.5	20.3	22.9	25.3	27.6	29.7	31.7					3
14		8.7	13.0	16.9	20.4	23.7	26.7	29.6	32.2	34.7	37.0					0
15			14.9	19.5	23.6	27.4	30.9	34.2	37.3	40.2	42.9	45.4				2
16			16.9	22.3	27.0	31.4	35.5	39.3	42.9	46.3	49.4	52.3				2
17			19.0	25.3	30.7	35.8	40.5	44.9	49.0	52.9	56.5	59.8	62.9			0
18			21.3	28.3	34.7	40.4	45.8	50.8	55.6	60.0	64.1	68.0	71.6			2
19			23.7	31.6	38.9	45.4	51.5	57.2	62.6	67.7	72.4	76.9	81.0	84.9		0
20				34.9	43.4	50.7	57.5	64.0	70.1	75.9	81.3	86.4	91.1	95.6		1
21				38.5	48.1	56.3	64.0	71.2	78.1	84.6	90.7	96.5	101.9	107.0	111.8	0
22				42.2	52.7	62.1	70.7	78.9	86.5	93.8	100.7	107.2	113.4	119.2	124.6	0
23				46.1	57.6	68.3	77.8	86.9	95.4	103.6	111.3	118.6	125.5	132.0	138.2	0
24				50.2	62.7	74.8	85.3	95.3	104.8	113.8	122.4	130.6	138.3	145.6	152.6	0
25					68.0	81.6	93.1	104.1	114.6	124.6	134.1	143.1	151.8	159.9	167.7	0
26					73.6	88.2	101.3	113.4	124.9	135.9	146.3	156.3	165.9	174.9	183.6	0
27					79.3	95.1	109.8	123.0	135.6	147.6	159.1	170.1	180.6	190.6	200.2	0
28					85.3	102.3	118.7	133.0	146.7	159.9	172.5	184.5	196.0	207.0	217.6	0
29					91.5	109.7	127.9	143.4	158.3	172.6	186.3	199.5	212.1	224.2	235.7	0
30						117.4	136.9	154.2	170.4	185.9	200.8	215.1	228.8	242.0	254.6	0
31						125.3	146.2	165.4	182.9	199.6	215.7	231.2	246.1	260.4	274.2	0
32						133.5	155.7	177.1	195.8	213.9	231.2	248.0	264.1	279.6	294.6	0
33						142.0	165.6	189.1	209.2	228.6	247.3	265.4	282.8	299.5	315.7	0
34						150.7	175.8	200.9	223.0	243.8	263.9	283.3	302.0	320.1	337.5	0
35							186.3	212.9	237.3	259.5	281.1	301.9	322.0	341.4	360.1	0
36							197.1	225.2	252.0	275.8	298.8	321.0	342.5	363.3	383.4	0
37							208.1	237.9	267.2	292.5	317.0	340.7	363.7	386.0	407.5	0
38							219.5	250.9	282.2	309.7	335.8	361.1	385.6	409.3	432.3	0
39							231.2	264.2	297.2	327.4	355.1	382.0	408.1	433.4	457.9	0
40								277.9	312.7	345.6	375.0	403.5	431.2	458.1	484.2	0
41								292.0	328.5	364.3	395.4	425.6	455.0	483.5	511.2	0
42								306.4	344.7	383.0	416.4	448.3	479.4	509.6	539.0	0
43								321.2	361.3	401.4	437.9	471.6	504.5	536.4	567.5	0
44								336.3	378.3	420.3	459.9	495.5	530.2	563.9	596.8	0
45									395.7	439.6	482.5	520.0	556.5	592.1	626.8	0
46									413.4	459.3	505.2	545.1	583.5	621.0	657.5	0
47									431.6	479.5	527.4	570.8	611.2	650.6	689.0	0
48									450.1	500.1	550.1	597.0	639.4	680.8	721.2	0
49									469.1	521.2	573.3	623.9	668.4	711.8	754.2	0
50									488.4	542.7	596.9	651.1	697.9	743.5	787.9	0
BASIS TREES	0	0	9	5	9	7	5	0	0	0	0	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
ENGELMANN SPRUCE-CORKBARK FIR
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.7	.9	1.1	1.3											17
6	.7	1.3	1.8	2.3	2.8	3.3										23
7	1.0	1.8	2.7	3.5	4.4	5.2	6.1									17
8	1.2	2.4	3.7	4.9	6.1	7.3	8.5	9.7								12
9	1.5	3.1	4.7	6.3	8.0	9.6	11.2	12.8	14.4							25
10		3.8	5.9	7.9	10.0	12.0	14.1	16.1	18.2							14
11		4.6	7.1	9.7	12.2	14.7	17.2	19.7	22.3	24.8						10
12		5.5	8.5	11.5	14.6	17.6	20.6	23.7	26.7	29.7						5
13		6.4	10.0	13.6	17.2	20.7	24.3	27.9	31.5	35.1	38.7					4
14		7.4	11.6	15.7	19.9	24.1	28.3	32.5	36.6	40.8	45.0					3
15			13.3	18.1	22.9	27.7	32.5	37.3	42.1	47.0	51.8	56.6				5
16			15.1	20.6	26.1	31.5	37.0	42.5	48.0	53.5	59.0	64.5				5
17			17.0	23.2	29.4	35.6	41.8	48.1	54.3	60.5	66.7	72.9	79.1			3
18			19.0	26.0	33.0	40.0	46.9	53.9	60.9	67.9	74.8	81.8	88.8			5
19			21.2	29.0	36.7	44.5	52.3	60.1	67.9	75.7	83.4	91.2	99.0	106.8		1
20				32.1	40.7	49.3	58.0	66.6	75.2	83.9	92.5	101.1	109.8	118.4		4
21				35.3	44.9	54.4	63.9	73.4	83.0	92.5	102.0	111.5	121.1	130.6	140.1	1
22				38.7	49.2	59.7	70.1	80.6	91.1	101.5	112.0	122.5	132.9	143.4	153.8	1
23				42.3	53.8	65.2	76.7	88.1	99.5	111.0	122.4	133.9	145.3	156.8	168.2	0
24				46.1	58.5	71.0	83.5	95.9	108.4	120.9	133.3	145.8	158.2	170.7	183.2	0
25					63.5	77.0	90.6	104.1	117.6	131.1	144.7	158.2	171.7	185.3	198.8	0
26					68.7	83.3	97.9	112.6	127.2	141.8	156.5	171.1	185.8	200.4	215.0	0
27					74.0	89.8	105.6	121.4	137.2	153.0	168.8	184.5	200.3	216.1	231.9	0
28					79.6	96.6	113.6	130.5	147.5	164.5	181.5	198.5	215.5	232.4	249.4	0
29					85.4	103.6	121.8	140.0	158.2	176.5	194.7	212.9	231.1	249.4	267.6	0
30						110.8	130.3	149.8	169.3	188.8	208.3	227.8	247.3	266.9	286.4	0
31						118.3	139.1	160.0	180.8	201.6	222.5	243.3	264.1	284.9	305.8	0
32						126.1	148.3	170.5	192.6	214.8	237.0	259.2	281.4	303.6	325.8	0
33						134.0	157.7	181.3	204.9	228.5	252.1	275.7	299.3	322.9	346.5	0
34						142.3	167.3	192.4	217.5	242.5	267.6	292.6	317.7	342.8	367.8	0
35							177.3	203.9	230.4	257.0	283.5	310.1	336.7	363.2	389.8	0
36							187.6	215.7	243.8	271.9	300.0	328.1	356.2	384.3	412.4	0
37							198.1	227.8	257.5	287.2	316.9	346.5	376.2	405.9	435.6	0
38							209.0	240.3	271.6	302.9	334.2	365.5	396.8	428.2	459.5	0
39							220.1	253.1	286.1	319.0	352.0	385.0	418.0	451.0	484.0	0
40								266.2	300.9	335.6	370.3	405.0	439.7	474.4	509.1	0
41								279.7	316.1	352.6	389.0	425.5	462.0	498.4	534.9	0
42								293.5	331.7	370.0	408.2	446.5	484.8	523.0	561.3	0
43								307.6	347.7	387.8	427.9	468.0	508.1	548.2	588.3	0
44								322.0	364.0	406.0	448.0	490.0	532.0	574.0	616.0	0
45									380.8	424.7	468.6	512.5	556.4	600.4	644.3	0
46									397.9	443.8	489.6	535.5	581.4	627.3	673.2	0
47									415.3	463.2	511.2	559.1	607.0	654.9	702.8	0
48									433.2	483.2	533.1	583.1	633.1	683.1	733.0	0
49									451.4	503.5	555.6	607.6	659.7	711.8	763.9	0
50									470.0	524.2	578.5	632.7	686.9	741.2	795.4	0
BASIS TREES	0	3	38	38	27	20	17	9	2	1	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
ENGELMANN SPRUCE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.7	.8	1.0	1.2											15
6	.7	1.2	1.7	2.2	2.7	3.2										20
7	.9	1.7	2.6	3.4	4.2	5.1	6.0									17
8	1.2	2.3	3.5	4.6	5.8	7.1	8.3	9.7								12
9	1.4	2.9	4.5	6.0	7.6	9.2	10.9	12.6	14.4							21
10		3.6	5.6	7.5	9.5	11.5	13.6	15.9	18.2							11
11		4.4	6.7	9.1	11.5	14.0	16.6	19.4	22.3	24.8						12
12		5.1	8.0	10.8	13.7	16.7	19.8	23.1	26.6	29.7						3
13		6.0	9.3	12.6	16.0	19.5	23.1	27.0	31.3	35.1	38.7					3
14		6.9	10.7	14.6	18.5	22.5	26.7	31.2	36.1	40.8	45.0					3
15			12.2	16.6	21.1	25.6	30.5	35.6	41.3	47.0	51.8	56.6				3
16			13.8	18.8	23.8	28.9	34.4	40.2	46.6	53.5	59.0	64.5				3
17			15.5	21.0	26.6	32.4	38.4	45.0	52.2	60.1	66.7	72.9	79.1			3
18			17.2	23.4	29.5	35.9	42.6	49.9	57.9	66.8	74.8	81.8	88.8			4
19			19.1	25.8	32.6	39.5	46.9	54.9	63.8	73.6	83.4	91.2	99.0	106.8		1
20				28.3	35.7	43.3	51.3	60.1	69.8	80.6	92.5	101.1	109.8	118.4		3
21				30.9	38.8	47.0	55.8	65.3	75.9	87.7	100.7	111.5	121.1	130.6	140.1	1
22				33.5	42.1	50.9	60.3	70.6	82.1	94.8	109.0	122.5	132.9	143.4	153.8	1
23				36.2	45.3	54.8	64.9	76.0	88.3	102.1	117.4	133.9	145.3	156.8	168.2	0
24				38.9	48.6	58.7	69.5	81.3	94.6	109.4	125.7	143.8	158.2	170.7	183.2	0
25					52.0	62.6	74.0	86.7	100.9	116.6	134.1	153.4	171.7	185.3	198.8	0
26					55.3	66.5	78.6	92.1	107.1	123.9	142.5	163.0	185.4	200.4	215.0	0
27					58.6	70.4	83.2	97.4	113.4	131.1	150.8	172.5	196.2	216.1	231.9	0
28					61.9	74.2	87.7	102.7	119.5	138.3	159.1	182.0	206.9	232.4	249.4	0
29					65.2	78.0	92.1	107.9	125.7	145.4	167.3	191.3	217.5	246.1	267.6	0
30						81.7	96.5	113.1	131.7	152.5	175.4	200.5	228.0	257.9	286.4	0
31						85.4	100.8	118.2	137.7	159.4	183.3	209.6	238.3	269.4	303.4	0
32						89.0	105.0	123.1	143.5	166.2	191.1	218.5	248.3	280.8	316.0	0
33						92.5	109.1	128.0	149.2	172.8	198.8	227.2	258.1	291.8	328.3	0
34						95.9	113.2	132.8	154.8	179.3	206.2	235.7	267.7	302.5	340.3	0
35							117.1	137.4	160.3	185.6	213.5	243.9	277.0	312.9	351.9	0
36							120.9	142.0	165.6	191.8	220.5	251.9	286.0	323.0	363.2	0
37							124.6	146.3	170.8	197.8	227.4	259.6	294.7	332.7	374.0	0
38							128.2	150.6	175.7	203.5	234.0	267.1	303.1	342.1	384.3	0
39							131.7	154.7	180.6	209.1	240.3	274.3	311.1	351.0	394.2	0
40								158.7	185.2	214.5	246.4	281.1	318.8	359.6	403.7	0
41								162.5	189.7	219.6	252.3	287.7	326.1	367.7	412.6	0
42								166.2	194.0	224.6	257.9	294.0	333.1	375.4	421.1	0
43								169.8	198.2	229.3	263.2	300.0	339.7	382.7	429.1	0
44								173.2	202.1	233.8	268.3	305.7	346.0	389.6	436.7	0
45									205.9	238.1	273.1	311.0	351.9	396.1	443.7	0
46									209.5	242.2	277.7	316.1	357.5	402.1	450.3	0
47									212.9	246.1	282.1	320.9	362.7	407.8	456.3	0
48									216.2	249.8	286.2	325.3	367.5	413.0	462.0	0
49									219.3	253.3	290.0	329.5	372.1	417.9	467.2	0
50									222.3	256.6	293.6	333.5	376.3	422.4	471.9	0
BASIS TREES	0	3	34	39	19	16	13	9	2	1	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
CORKBARK FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.7	.8	1.0	1.2											2
6	.7	1.2	1.7	2.1	2.6	3.0										3
7	1.0	1.8	2.6	3.3	4.0	4.7	5.4									4
8	1.2	2.4	3.6	4.6	5.6	6.5	7.4	8.3								1
9	1.5	3.1	4.6	6.0	7.3	8.5	9.7	10.8	11.9							4
10		3.8	5.8	7.5	9.2	10.7	12.2	13.6	14.9							4
11		4.6	7.1	9.3	11.3	13.2	14.9	16.6	18.1	19.6						2
12		5.5	8.5	11.1	13.6	15.9	18.0	19.9	21.8	23.5						5
13		6.4	10.0	13.2	16.1	18.8	21.3	23.7	25.8	27.8	29.7					3
14		7.4	11.6	15.5	18.9	22.1	25.0	27.8	30.3	32.7	34.8					0
15			13.3	17.9	21.9	25.7	29.1	32.3	35.3	38.0	40.5	42.9				2
16			15.1	20.6	25.2	29.5	33.5	37.2	40.7	43.9	46.8	49.6				2
17			17.0	23.2	28.7	33.7	38.3	42.6	46.6	50.3	53.7	56.9	59.8			0
18			19.0	26.0	32.5	38.2	43.4	48.4	52.9	57.2	61.2	64.9	68.3			2
19			21.2	29.0	36.5	42.9	48.9	54.5	59.8	64.7	69.2	73.5	77.4	81.1		0
20				32.1	40.7	48.0	54.8	61.1	67.1	72.7	77.9	82.7	87.3	91.5		1
21				35.3	44.9	53.3	60.9	68.1	74.8	81.1	87.1	92.6	97.8	102.6	107.1	0
22				38.7	49.2	59.0	67.5	75.5	83.0	90.1	96.8	103.1	109.0	114.5	119.6	0
23				42.3	53.8	64.9	74.3	83.3	91.7	99.6	107.1	114.2	120.8	127.1	132.9	0
24				46.1	58.5	71.0	81.5	91.4	100.8	109.6	118.0	125.9	133.3	140.4	147.0	0
25					63.5	77.0	89.1	100.0	110.3	120.1	129.4	138.2	146.5	154.3	161.8	0
26					68.7	83.3	97.0	108.9	120.3	131.1	141.3	151.1	160.3	169.0	177.3	0
27					74.0	89.8	105.2	118.2	130.7	142.6	153.8	164.6	174.8	184.4	193.6	0
28					79.6	96.6	113.6	128.0	141.6	154.5	166.9	178.7	189.9	200.5	210.7	0
29					85.4	103.6	121.8	138.1	152.8	167.0	180.5	193.3	205.6	217.3	228.5	0
30						110.8	130.3	148.6	164.6	179.9	194.6	208.6	222.0	234.8	247.0	0
31						118.3	139.1	159.4	176.7	193.3	209.2	224.4	239.0	253.0	266.3	0
32						126.1	148.3	170.5	189.3	207.2	224.4	240.9	256.7	271.8	286.3	0
33						134.0	157.7	181.3	202.4	221.6	240.1	257.9	275.0	291.4	307.1	0
34						142.3	167.3	192.4	215.9	236.5	256.4	275.5	293.9	311.6	328.6	0
35							177.3	203.9	229.8	251.9	273.2	293.7	313.5	332.5	350.8	0
36							187.6	215.7	243.8	267.8	290.6	312.5	333.7	354.1	373.8	0
37							198.1	227.8	257.5	284.1	308.4	331.9	354.6	376.4	397.5	0
38							209.0	240.3	271.6	300.9	326.9	351.9	376.1	399.4	421.9	0
39							220.1	253.1	286.1	318.3	345.8	372.4	398.2	423.1	447.1	0
40								266.2	300.9	335.6	365.3	393.6	421.0	447.4	473.0	0
41								279.7	316.1	352.6	385.3	415.3	444.4	472.5	499.7	0
42								293.5	331.7	370.0	405.9	437.7	468.4	498.2	527.1	0
43								307.6	347.7	387.8	427.0	460.6	493.1	524.7	555.3	0
44								322.0	364.0	406.0	448.0	484.1	518.4	551.8	584.2	0
45									380.8	424.7	468.6	508.1	544.4	579.6	613.8	0
46									397.9	443.8	489.6	532.8	571.0	608.1	644.1	0
47									415.3	463.2	511.2	558.1	598.2	637.3	675.2	0
48									433.2	483.2	533.1	583.1	626.1	667.2	707.1	0
49									451.4	503.5	555.6	607.6	654.6	697.7	739.7	0
50									470.0	524.2	578.5	632.7	683.8	729.0	773.0	0
BASIS TREES	0	0	9	5	9	7	5	0	0	0	0	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
ENGELMANN SPRUCE-CORKBARK FIR
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.8	1.2	1.5	1.9	2.2	2.6									16
8	.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4								12
9	1.2	2.4	3.7	5.0	6.2	7.5	8.8	10.0	11.3							25
10		3.3	5.0	6.8	8.5	10.3	12.0	13.8	15.5							14
11		4.1	6.4	8.6	10.9	13.2	15.4	17.7	20.0	22.2						10
12		5.0	7.8	10.6	13.5	16.3	19.1	21.9	24.7	27.5						5
13		6.0	9.4	12.8	16.2	19.5	22.9	26.3	29.7	33.1	36.5					4
14		7.0	11.0	15.0	19.0	23.0	27.0	31.0	35.0	39.0	43.0					3
15			12.8	17.4	22.1	26.7	31.4	36.1	40.7	45.4	50.0	54.7				5
16			14.6	20.0	25.3	30.7	36.0	41.4	46.7	52.1	57.4	62.8				5
17			16.6	22.7	28.8	34.8	40.9	47.0	53.1	59.2	65.2	71.3	77.4			3
18			18.7	25.5	32.4	39.2	46.1	52.9	59.8	66.6	73.5	80.4	87.2			5
19			20.8	28.5	36.2	43.8	51.5	59.2	66.9	74.5	82.2	89.9	97.6	105.2		1
20				31.6	40.2	48.7	57.2	65.8	74.3	82.8	91.4	99.9	108.4	117.0		4
21				34.9	44.4	53.8	63.2	72.7	82.1	91.5	101.0	110.4	119.8	129.2	138.7	1
22				38.4	48.8	59.1	69.5	79.9	90.3	100.6	111.0	121.4	131.7	142.1	152.5	1
23				42.0	53.3	64.7	76.1	87.4	98.8	110.1	121.5	132.9	144.2	155.6	166.9	0
24				45.8	58.1	70.5	82.9	95.3	107.7	120.1	132.4	144.8	157.2	169.6	182.0	0
25					63.1	76.6	90.0	103.5	116.9	130.4	143.8	157.3	170.8	184.2	197.7	0
26					68.3	82.9	97.4	112.0	126.6	141.1	155.7	170.3	184.8	199.4	214.0	0
27					73.7	89.4	105.1	120.9	136.6	152.3	168.0	183.7	199.5	215.2	230.9	0
28					79.3	96.2	113.1	130.0	147.0	163.9	180.8	197.7	214.6	231.6	248.5	0
29					85.1	103.2	121.4	139.5	157.7	175.9	194.0	212.2	230.4	248.5	266.7	0
30						110.5	129.9	149.4	168.8	188.3	207.7	227.2	246.6	266.1	285.5	0
31						118.0	138.8	159.5	180.3	201.1	221.9	242.6	263.4	284.2	305.0	0
32						125.8	147.9	170.0	192.2	214.3	236.5	258.6	280.8	302.9	325.1	0
33						133.7	157.3	180.9	204.4	228.0	251.5	275.1	298.7	322.2	345.8	0
34						142.0	167.0	192.0	217.0	242.1	267.1	292.1	317.1	342.1	367.1	0
35							177.0	203.5	230.0	256.5	283.1	309.6	336.1	362.6	389.1	0
36							187.3	215.3	243.4	271.4	299.5	327.6	355.6	383.7	411.7	0
37							197.8	227.5	257.1	286.8	316.4	346.1	375.7	405.3	435.0	0
38							208.7	240.0	271.2	302.5	333.8	365.0	396.3	427.6	458.9	0
39							219.8	252.8	285.7	318.7	351.6	384.6	417.5	450.4	483.4	0
40								265.9	300.6	335.2	369.9	404.6	439.2	473.9	508.5	0
41								279.4	315.8	352.2	388.6	425.1	461.5	497.9	534.3	0
42								293.2	331.4	369.6	407.9	446.1	484.3	522.5	560.8	0
43								307.3	347.4	387.5	427.5	467.6	507.7	547.7	587.8	0
44								321.8	363.7	405.7	447.7	489.6	531.6	573.5	615.5	0
45									380.5	424.4	468.3	512.2	556.0	599.9	643.8	0
46									397.6	443.5	489.3	535.2	581.1	626.9	672.8	0
47									415.1	463.0	510.8	558.7	606.6	654.5	702.4	0
48									432.9	482.9	532.8	582.8	632.7	682.7	732.6	0
49									451.2	503.2	555.3	607.3	659.4	711.4	763.5	0
50									469.8	524.0	578.2	632.4	686.6	740.8	795.0	0
BASIS TREES	0	2	20	35	27	20	17	9	2	1	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
ENGELMANN SPRUCE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.8	1.1	1.5	1.8	2.2	2.5									17
8	.8	1.5	2.3	3.1	3.9	4.7	5.5	6.4								12
9	1.1	2.3	3.5	4.7	5.9	7.2	8.5	9.9	11.3							21
10		3.1	4.7	6.4	8.1	9.8	11.6	13.5	15.5							11
11		3.9	6.0	8.1	10.3	12.5	14.9	17.3	20.0	22.2						12
12		4.7	7.3	10.0	12.6	15.4	18.2	21.3	24.6	27.5						3
13		5.6	8.7	11.9	15.1	18.3	21.8	25.4	29.4	33.1	36.5					3
14		6.5	10.2	13.9	17.6	21.4	25.5	29.7	34.4	39.0	43.0					3
15			11.8	16.0	20.3	24.7	29.3	34.2	39.6	45.4	50.0	54.7				3
16			13.4	18.2	23.0	28.0	33.3	38.9	45.1	51.9	57.4	62.8				3
17			15.1	20.5	25.9	31.5	37.4	43.7	50.6	58.3	65.2	71.3	77.4			3
18			16.9	22.9	28.9	35.0	41.6	48.6	56.4	65.0	73.5	80.4	87.2			4
19			18.7	25.3	31.9	38.7	45.9	53.6	62.2	71.7	82.2	89.9	97.6	105.2		1
20				27.8	35.0	42.4	50.2	58.7	68.1	78.6	90.2	99.9	108.4	117.0		3
21				30.4	38.2	46.2	54.6	63.9	74.1	85.6	98.2	110.4	119.8	129.2	138.7	1
22				33.0	41.4	50.0	59.1	69.1	80.2	92.6	106.3	121.4	131.7	142.1	152.5	1
23				35.7	44.6	53.8	63.6	74.3	86.3	99.6	114.4	130.7	144.2	155.6	166.9	0
24				38.4	47.8	57.6	68.0	79.5	92.3	106.6	122.5	140.0	157.2	169.6	182.0	0
25					51.1	61.4	72.5	84.7	98.4	113.6	130.5	149.2	169.6	184.2	197.7	0
26					54.3	65.2	76.9	89.8	104.4	120.6	138.5	158.3	180.0	199.4	214.0	0
27					57.6	68.9	81.2	94.9	110.3	127.4	146.4	167.3	190.2	215.2	230.9	0
28					60.8	72.6	85.5	99.9	116.1	134.2	154.3	176.3	200.4	226.6	248.5	0
29					63.9	76.2	89.7	104.9	121.9	140.9	161.9	185.0	210.3	237.8	266.7	0
30						79.8	93.9	109.7	127.6	147.5	169.5	193.6	220.0	248.8	280.0	0
31						83.2	97.9	114.5	133.1	153.9	176.9	202.1	229.5	259.5	292.0	0
32						86.6	101.8	119.1	138.5	160.2	184.1	210.3	238.8	269.9	303.6	0
33						89.9	105.7	123.6	143.8	166.3	191.1	218.2	247.8	279.9	314.8	0
34						93.0	109.4	128.0	148.9	172.2	197.9	225.9	256.5	289.7	325.7	0
35							112.9	132.2	153.9	178.0	204.5	233.4	264.9	299.1	336.1	0
36							116.4	136.3	158.7	183.5	210.8	240.6	272.9	308.1	346.1	0
37							119.7	140.2	163.3	188.9	216.9	247.5	280.7	316.7	355.7	0
38							123.0	144.0	167.8	194.0	222.8	254.1	288.1	324.9	364.7	0
39							126.0	147.7	172.0	198.9	228.4	260.4	295.1	332.7	373.3	0
40								151.2	176.1	203.7	233.7	266.4	301.8	340.0	381.4	0
41								154.6	180.1	208.2	238.8	272.1	308.1	347.0	389.1	0
42								157.8	183.8	212.4	243.6	277.5	314.0	353.5	396.2	0
43								160.9	187.4	216.5	248.2	282.5	319.6	359.7	402.9	0
44								163.8	190.8	220.4	252.5	287.3	324.9	365.4	409.1	0
45									194.0	224.0	256.6	291.8	329.7	370.7	414.8	0
46									197.1	227.5	260.4	296.0	334.3	375.6	420.0	0
47									200.0	230.8	264.0	299.9	338.5	380.1	424.8	0
48									202.7	233.8	267.4	303.6	342.4	384.3	429.2	0
49									205.4	236.7	270.6	307.0	346.1	388.1	433.2	0
50									207.8	239.5	273.5	310.1	349.4	391.5	436.8	0
BASIS TREES	0	3	34	39	19	16	13	9	2	1	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
CORKBARK FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.8	1.1	1.4	1.7	1.9	2.2									4
8	.8	1.6	2.4	3.0	3.6	4.2	4.7	5.3								1
9	1.2	2.4	3.6	4.6	5.6	6.5	7.3	8.1	8.8							4
10		3.3	5.0	6.4	7.7	8.9	10.0	11.0	12.0							4
11		4.1	6.4	8.3	9.9	11.5	12.9	14.1	15.3	16.4						2
12		5.0	7.8	10.3	12.4	14.3	16.0	17.5	18.9	20.2						5
13		6.0	9.4	12.5	15.1	17.4	19.4	21.3	22.9	24.4	25.8					3
14		7.0	11.0	15.0	18.0	20.8	23.2	25.4	27.4	29.2	30.7					0
15			12.8	17.4	21.2	24.5	27.4	30.0	32.4	34.4	36.3	37.9				2
16			14.6	20.0	24.7	28.5	32.0	35.1	37.8	40.3	42.4	44.4				2
17			16.6	22.7	28.4	32.9	36.9	40.5	43.8	46.6	49.2	51.5	53.5			0
18			18.7	25.5	32.4	37.6	42.3	46.5	50.2	53.6	56.6	59.3	61.7			2
19			20.8	28.5	36.2	42.6	48.0	52.8	57.2	61.2	64.7	67.8	70.7	73.2		0
20				31.6	40.2	47.9	54.1	59.6	64.7	69.2	73.4	77.1	80.4	83.3		1
21				34.9	44.4	53.6	60.5	66.9	72.6	77.9	82.7	86.9	90.8	94.3	97.4	0
22				38.4	48.8	59.1	67.4	74.5	81.1	87.1	92.6	97.5	102.0	106.0	109.6	0
23				42.0	53.3	64.7	74.6	82.6	90.0	96.8	103.1	108.7	113.9	118.5	122.8	0
24				45.8	58.1	70.5	82.1	91.2	99.5	107.1	114.2	120.6	126.5	131.8	136.7	0
25					63.1	76.6	90.0	100.1	109.4	118.0	125.9	133.1	139.8	145.9	151.5	0
26					68.3	82.9	97.4	109.5	119.8	129.3	138.1	146.3	153.8	160.7	167.0	0
27					73.7	89.4	105.1	119.2	130.6	141.2	151.0	160.1	168.5	176.3	183.4	0
28					79.3	96.2	113.1	129.4	142.0	153.6	164.5	174.6	183.9	192.6	200.6	0
29					85.1	103.2	121.4	139.5	153.8	166.6	178.5	189.7	200.0	209.7	218.6	0
30						110.5	129.9	149.4	166.0	180.0	193.1	205.4	216.8	227.5	237.4	0
31						118.0	138.8	159.5	178.8	194.0	208.4	221.8	234.3	246.1	257.0	0
32						125.8	147.9	170.0	192.0	208.6	224.2	238.8	252.5	265.4	277.4	0
33						133.7	157.3	180.9	204.4	223.6	240.5	256.4	271.4	285.4	298.6	0
34						142.0	167.0	192.0	217.0	239.2	257.5	274.7	291.0	306.3	320.6	0
35							177.0	203.5	230.0	255.4	275.0	293.7	311.2	327.8	343.4	0
36							187.3	215.3	243.4	271.4	293.2	313.2	332.2	350.1	367.1	0
37							197.8	227.5	257.1	286.8	311.9	333.4	353.8	373.2	391.5	0
38							208.7	240.0	271.2	302.5	331.2	354.3	376.2	397.0	416.7	0
39							219.8	252.8	285.7	318.7	351.1	375.8	399.2	421.5	442.7	0
40								265.9	300.6	335.2	369.9	397.9	423.0	446.8	469.5	0
41								279.4	315.8	352.2	388.6	420.6	447.4	472.9	497.1	0
42								293.2	331.4	369.6	407.9	444.0	472.5	499.7	525.6	0
43								307.3	347.4	387.5	427.5	467.6	498.3	527.2	554.8	0
44								321.8	363.7	405.7	447.7	489.6	524.8	555.5	584.8	0
45									380.5	424.4	468.3	512.2	552.0	584.5	615.6	0
46									397.6	443.5	489.3	535.2	579.9	614.3	647.3	0
47									415.1	463.0	510.8	558.7	606.6	644.9	679.7	0
48									432.9	482.9	532.8	582.8	632.7	676.1	713.0	0
49									451.2	503.2	555.3	607.3	659.4	708.2	747.0	0
50									469.8	524.0	578.2	632.4	686.6	740.8	781.9	0
BASIS TREES	0	0	9	5	9	7	5	0	0	0	0	0	0	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
ENGELMANN SPRUCE-CORKBARK FIR
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.1	2.0	2.8	3.6	4.5	5.3	6.1									16
8	3.2	6.3	9.4	12.5	15.7	18.8	21.9	25.0								12
9	5.4	11.4	17.3	23.3	29.2	35.1	41.1	47.0	53.0							25
10		16.8	25.8	34.8	43.8	52.9	61.9	70.9	80.0							14
11		22.4	34.7	47.0	59.2	71.5	83.8	96.1	108.4	120.7						10
12		28.2	43.9	59.6	75.4	91.1	106.8	122.5	138.3	154.0						5
13		34.3	53.6	72.9	92.3	111.6	130.9	150.2	169.6	188.9	208.2					4
14		40.7	63.8	86.9	110.0	133.1	156.2	179.3	202.4	225.5	248.7					3
15			74.4	101.5	128.6	155.7	182.8	209.9	237.0	264.1	291.2	318.3				5
16			85.6	116.9	148.2	179.4	210.7	242.0	273.3	304.6	335.9	367.1				4
17			97.3	133.0	168.7	204.4	240.1	275.8	311.5	347.1	382.8	418.5	454.2			3
18			109.7	150.0	190.3	230.6	270.9	311.2	351.5	391.8	432.1	472.5	512.8			5
19			122.6	167.8	212.9	258.1	303.2	348.4	393.6	438.7	483.9	529.1	574.2	619.4		1
20				186.4	236.6	286.9	337.1	387.4	437.6	487.9	538.1	588.4	638.6	688.8		4
21				205.9	261.4	317.0	372.6	428.1	483.7	539.3	594.8	650.4	706.0	761.5	817.1	1
22				226.2	287.4	348.5	409.6	470.7	531.9	593.0	654.1	715.3	776.4	837.5	898.6	1
23				247.5	314.4	381.3	448.3	515.2	582.1	649.1	716.0	782.9	849.9	916.8	983.7	0
24				269.6	342.6	415.6	488.5	561.5	634.5	707.5	780.5	853.4	926.4	999.4	1072.4	0
25					371.9	451.2	530.5	609.7	689.0	768.3	847.6	926.8	1006.1	1085.4	1164.7	0
26					402.4	488.2	574.0	659.8	745.7	831.5	917.3	1003.1	1088.9	1174.8	1260.6	0
27					434.0	526.6	619.3	711.9	804.5	897.1	989.7	1082.3	1174.9	1267.5	1360.1	0
28					466.9	566.5	666.2	765.8	865.5	965.1	1064.8	1164.4	1264.1	1363.7	1463.4	0
29					500.8	607.8	714.7	821.7	928.6	1035.6	1142.5	1249.5	1356.4	1463.4	1570.3	0
30						650.5	765.0	879.5	994.0	1108.5	1223.0	1337.5	1451.9	1566.4	1680.9	0
31						694.6	816.9	939.2	1061.5	1183.8	1306.1	1428.4	1550.7	1673.0	1795.3	0
32						740.2	870.5	1000.9	1131.2	1261.6	1391.9	1522.3	1652.6	1783.0	1913.3	0
33						787.2	925.9	1064.5	1203.2	1341.8	1480.5	1619.1	1757.8	1896.5	2035.1	0
34						835.7	982.9	1130.1	1277.3	1424.5	1571.8	1719.0	1866.2	2013.4	2160.6	0
35							1041.6	1197.6	1353.7	1509.7	1665.8	1821.8	1977.8	2133.9	2289.9	0
36							1102.0	1267.1	1432.2	1597.4	1762.5	1927.6	2092.7	2257.8	2422.9	0
37							1164.1	1338.6	1513.0	1687.5	1861.9	2036.4	2210.8	2385.2	2559.7	0
38							1228.0	1412.0	1596.0	1780.1	1964.1	2148.1	2332.2	2516.2	2700.2	0
39							1293.5	1487.4	1681.3	1875.1	2069.0	2262.9	2456.8	2650.6	2844.5	0
40								1564.7	1768.7	1972.7	2176.7	2380.6	2584.6	2788.6	2992.6	0
41								1644.1	1858.4	2072.7	2287.1	2501.4	2715.7	2930.1	3144.4	0
42								1725.3	1950.3	2175.2	2400.2	2625.1	2850.1	3075.0	3300.0	0
43								1808.6	2044.4	2280.2	2516.1	2751.9	2987.7	3223.5	3459.4	0
44								1893.8	2140.8	2387.7	2634.7	2881.6	3128.6	3375.5	3622.5	0
45									2239.4	2497.7	2756.1	3014.4	3272.7	3531.1	3789.4	0
46									2340.2	2610.2	2880.2	3150.2	3420.2	3690.1	3960.1	0
47									2443.3	2725.2	3007.1	3289.0	3570.8	3852.7	4134.6	0
48									2548.6	2842.6	3136.7	3430.7	3724.8	4018.8	4312.9	0
49									2656.1	2962.6	3269.1	3575.5	3882.0	4188.5	4495.0	0
50									2765.9	3085.0	3404.2	3723.4	4042.5	4361.7	4680.8	0
BASIS TREES	0	0	13	29	27	20	16	9	3	1	0	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
ENGELMANN SPRUCE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.0	1.7	2.5	3.2	3.9	4.7	5.4									17
8	2.8	5.5	8.2	10.9	13.6	16.3	19.0	21.7								12
9	4.6	9.7	14.7	19.8	24.8	29.9	34.9	40.0	45.1							22
10		14.0	21.5	29.1	36.6	44.1	51.7	59.2	66.7							11
11		18.3	28.3	38.4	48.5	58.5	68.6	78.6	88.7	98.7						12
12		22.6	35.2	47.8	60.4	72.9	85.5	98.1	110.7	123.3						3
13		26.9	42.0	57.2	72.3	87.5	102.6	117.7	132.9	148.0	163.2					3
14		31.2	48.9	66.6	84.3	102.1	119.8	137.5	155.2	172.9	190.7					3
15			55.8	76.2	96.5	116.8	137.1	157.5	177.8	198.1	218.4	238.8				3
16			62.8	85.8	108.8	131.8	154.7	177.7	200.7	223.6	246.6	269.6				3
17			70.0	95.6	121.3	147.0	172.6	198.3	223.9	249.6	275.3	300.9	326.6			3
18			77.3	105.7	134.1	162.5	190.9	219.3	247.7	276.1	304.5	332.9	361.3			4
19			84.8	116.0	147.2	178.4	209.7	240.9	272.1	303.3	334.6	365.8	397.0	428.2		1
20				126.6	160.7	194.8	229.0	263.1	297.2	331.3	365.5	399.6	433.7	467.8		3
21				137.5	174.6	211.8	248.9	286.0	323.1	360.2	397.3	434.5	471.6	508.7	545.8	1
22				148.8	189.1	229.3	269.5	309.7	349.9	390.1	430.4	470.6	510.8	551.0	591.2	1
23				160.6	204.0	247.4	290.9	334.3	377.7	421.2	464.6	508.0	551.5	594.9	638.3	0
24				172.8	219.6	266.3	313.1	359.9	406.6	453.4	500.2	547.0	593.7	640.5	687.3	0
25					235.7	286.0	336.2	386.4	436.7	486.9	537.2	587.4	637.7	687.9	738.2	0
26					252.5	306.4	360.3	414.1	468.0	521.8	575.7	629.5	683.4	737.3	791.1	0
27					270.0	327.7	385.3	442.9	500.5	558.1	615.7	673.4	731.0	788.6	846.2	0
28					288.2	349.8	411.3	472.8	534.4	595.9	657.4	719.0	780.5	842.0	903.5	0
29					307.2	372.8	438.4	504.0	569.6	635.2	700.8	766.3	831.9	897.5	963.1	0
30						396.7	466.5	536.3	606.1	675.9	745.8	815.6	885.4	955.2	1025.0	0
31						421.5	495.7	569.9	644.1	718.3	792.5	866.7	940.9	1015.1	1089.3	0
32						447.2	525.9	604.7	683.4	762.2	840.9	919.7	998.4	1077.2	1155.9	0
33						473.8	557.3	640.7	724.2	807.7	891.1	974.6	1058.0	1141.5	1225.0	0
34						501.4	589.7	678.1	766.4	854.7	943.0	1031.4	1119.7	1208.0	1296.4	0
35							623.2	716.6	810.0	903.3	996.7	1090.1	1183.4	1276.8	1370.2	0
36							657.9	756.4	855.0	953.6	1052.1	1150.7	1249.3	1347.8	1446.4	0
37							693.6	797.5	901.4	1005.3	1109.3	1213.2	1317.1	1421.1	1525.0	0
38							730.3	839.8	949.2	1058.7	1168.2	1277.6	1387.1	1496.5	1606.0	0
39							768.2	883.3	998.5	1113.6	1228.8	1343.9	1459.0	1574.2	1689.3	0
40								928.1	1049.1	1170.1	1291.1	1412.1	1533.1	1654.1	1775.1	0
41								974.2	1101.2	1228.2	1355.2	1482.2	1609.2	1736.2	1863.2	0
42								1021.4	1154.6	1287.8	1420.9	1554.1	1687.3	1820.4	1953.6	0
43								1069.9	1209.4	1348.9	1488.4	1627.9	1767.4	1906.9	2046.4	0
44								1119.6	1265.6	1411.6	1557.6	1703.6	1849.6	1995.6	2141.5	0
45									1323.2	1475.8	1628.4	1781.1	1933.7	2086.4	2239.0	0
46									1382.1	1541.5	1701.0	1860.4	2019.9	2179.3	2338.8	0
47									1442.4	1608.8	1775.2	1941.6	2108.0	2274.5	2440.9	0
48									1504.1	1677.6	1851.1	2024.7	2198.2	2371.7	2545.3	0
49									1567.1	1747.9	1928.7	2109.5	2290.3	2471.2	2652.0	0
50									1631.4	1819.7	2008.0	2196.2	2384.5	2572.7	2761.0	0
BASIS TREES	0	0	12	31	20	16	12	9	2	1	0	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
CORKBARK FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.9	1.5	2.2	2.8	3.5	4.1	4.8									4
8	2.3	4.6	6.9	9.2	11.5	13.8	16.1	18.4								1
9	3.7	7.8	11.9	16.0	20.1	24.2	28.3	32.4	36.5							4
10		10.8	16.7	22.5	28.3	34.1	40.0	45.8	51.6							4
11		13.6	21.0	28.5	35.9	43.4	50.8	58.2	65.7	73.1						2
12		16.1	25.1	34.1	43.1	52.0	61.0	70.0	79.0	88.0						5
13		18.6	29.1	39.5	50.0	60.5	71.0	81.5	91.9	102.4	112.9					3
14		21.1	33.1	45.1	57.0	69.0	81.0	93.0	105.0	117.0	129.0					0
15			37.2	50.8	64.3	77.9	91.4	105.0	118.6	132.1	145.7	159.2				2
16			41.6	56.8	72.0	87.2	102.4	117.7	132.9	148.1	163.3	178.5				1
17			46.3	63.2	80.2	97.2	114.2	131.1	148.1	165.1	182.0	199.0	216.0			0
18			51.3	70.1	89.0	107.8	126.7	145.5	164.3	183.2	202.0	220.9	239.7			2
19			56.6	77.4	98.3	119.1	140.0	160.8	181.7	202.5	223.4	244.2	265.1	285.9		0
20				85.2	108.2	131.2	154.2	177.2	200.1	223.1	246.1	269.1	292.1	315.0		1
21				93.5	118.7	144.0	169.2	194.5	219.7	244.9	270.2	295.4	320.7	345.9	371.1	0
22				102.2	129.9	157.5	185.1	212.7	240.4	268.0	295.6	323.2	350.9	378.5	406.1	0
23				111.4	141.6	171.7	201.8	232.0	262.1	292.2	322.4	352.5	382.7	412.8	442.9	0
24				121.1	153.8	186.6	219.4	252.2	284.9	317.7	350.5	383.3	416.0	448.8	481.6	0
25					166.7	202.2	237.8	273.3	308.8	344.3	379.9	415.4	450.9	486.5	522.0	0
26					180.1	218.5	256.9	295.3	333.7	372.2	410.6	449.0	487.4	525.8	564.2	0
27					194.1	235.5	276.9	318.3	359.7	401.1	442.5	483.9	525.3	566.8	608.2	0
28					208.6	253.1	297.6	342.2	386.7	431.2	475.8	520.3	564.8	609.3	653.9	0
29					223.7	271.4	319.2	366.9	414.7	462.5	510.2	558.0	605.7	653.5	701.3	0
30						290.4	341.5	392.6	443.7	494.8	545.9	597.1	648.2	699.3	750.4	0
31						310.0	364.6	419.2	473.7	528.3	582.9	637.5	692.1	746.6	801.2	0
32						330.3	388.4	446.6	504.8	562.9	621.1	679.3	737.4	795.6	853.7	0
33						351.2	413.1	474.9	536.8	598.7	660.5	722.4	784.2	846.1	908.0	0
34						372.8	438.5	504.1	569.8	635.5	701.2	766.8	832.5	898.2	963.9	0
35							464.6	534.2	603.8	673.4	743.0	812.6	882.2	951.8	1021.5	0
36							491.5	565.2	638.8	712.5	786.1	859.8	933.4	1007.1	1080.7	0
37							519.2	597.0	674.9	752.7	830.5	908.3	986.1	1063.9	1141.7	0
38							547.7	629.8	711.9	793.9	876.0	958.1	1040.2	1122.3	1204.3	0
39							576.9	663.4	749.9	836.3	922.8	1009.3	1095.7	1182.2	1268.7	0
40								697.9	788.8	879.8	970.8	1061.8	1152.7	1243.7	1334.7	0
41								733.2	828.8	924.4	1020.0	1115.6	1211.2	1306.8	1402.4	0
42								769.5	869.8	970.1	1070.5	1170.8	1271.1	1371.4	1471.8	0
43								806.6	911.8	1017.0	1122.1	1227.3	1332.5	1437.7	1542.8	0
44								844.6	954.8	1064.9	1175.0	1285.2	1395.3	1505.5	1615.6	0
45									998.7	1114.0	1229.2	1344.4	1459.6	1574.8	1690.0	0
46									1043.7	1164.1	1284.5	1404.9	1525.3	1645.8	1766.2	0
47									1089.7	1215.4	1341.1	1466.8	1592.5	1718.3	1844.0	0
48									1136.6	1267.5	1398.9	1530.1	1661.2	1792.3	1923.5	0
49									1184.6	1321.3	1458.0	1594.6	1731.3	1868.0	2004.7	0
50									1233.5	1375.9	1518.2	1660.6	1802.9	1945.2	2087.6	0
BASIS TREES	0	0	5	5	9	7	5	0	0	0	0	0	0	0	0	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
ENGELMANN SPRUCE-CORKBARK FIR
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.1	1.6	2.0	2.5	2.9	3.4									0
8	2.0	4.0	5.9	7.9	9.8	11.8	13.8	15.7								0
9	3.7	7.7	11.8	15.8	19.9	23.9	28.0	32.0	36.1							11
10		12.0	18.5	25.0	31.5	38.0	44.5	51.0	57.4							14
11		16.7	25.9	35.0	44.2	53.4	62.6	71.7	80.9	90.1						10
12		21.6	33.7	45.8	57.8	69.9	82.0	94.0	106.1	118.2						5
13		26.9	42.0	57.2	72.3	87.5	102.6	117.8	132.9	148.0	163.2					4
14		32.4	50.8	69.2	87.6	106.1	124.5	142.9	161.3	179.7	198.1					3
15			60.1	82.0	103.8	125.7	147.6	169.4	191.3	213.2	235.1	256.9				5
16			69.8	95.4	120.9	146.4	171.9	197.5	223.0	248.5	274.0	299.6				4
17			80.1	109.5	138.9	168.2	197.6	227.0	256.4	285.7	315.1	344.5	373.8			3
18			90.9	124.3	157.8	191.2	224.6	258.0	291.4	324.9	358.3	391.7	425.1			5
19			102.3	139.9	177.6	215.3	252.9	290.6	328.3	366.0	403.6	441.3	479.0	516.6		1
20				156.3	198.4	240.5	282.7	324.8	366.9	409.0	451.2	493.3	535.4	577.6		4
21				173.4	220.2	267.0	313.8	360.6	407.4	454.2	501.0	547.8	594.6	641.4	688.2	1
22				191.2	242.9	294.6	346.3	398.0	449.6	501.3	553.0	604.7	656.4	708.0	759.7	1
23				209.9	266.7	323.4	380.2	437.0	493.8	550.5	607.3	664.1	720.9	777.6	834.4	0
24				229.3	291.4	353.5	415.6	477.7	539.8	601.8	663.9	726.0	788.1	850.2	912.3	0
25					317.2	384.8	452.4	520.0	587.6	655.2	722.8	790.5	858.1	925.7	993.3	0
26					344.0	417.3	490.7	564.0	637.4	710.7	784.1	857.5	930.8	1004.2	1077.5	0
27					371.8	451.1	530.4	609.7	689.0	768.4	847.7	927.0	1006.3	1085.6	1165.0	0
28					400.6	486.1	571.6	657.1	742.6	828.1	913.6	999.1	1084.6	1170.1	1255.6	0
29					430.4	522.3	614.3	706.2	798.1	890.0	981.9	1073.8	1165.7	1257.7	1349.6	0
30						559.9	658.4	756.9	855.5	954.0	1052.6	1151.1	1249.7	1348.2	1446.7	0
31						598.6	704.0	809.4	914.8	1020.2	1125.6	1231.0	1336.4	1441.8	1547.2	0
32						638.7	751.1	863.6	976.1	1088.5	1201.0	1313.5	1425.9	1538.4	1650.9	0
33						680.0	799.7	919.5	1039.3	1159.0	1278.8	1398.6	1518.3	1638.1	1757.9	0
34						722.5	849.8	977.1	1104.4	1231.7	1359.0	1486.3	1613.5	1740.8	1868.1	0
35							901.4	1036.4	1171.5	1306.5	1441.5	1576.6	1711.6	1846.6	1981.7	0
36							954.5	1097.5	1240.5	1383.5	1526.5	1669.5	1812.5	1955.5	2098.5	0
37							1009.0	1160.2	1311.4	1462.6	1613.8	1765.1	1916.3	2067.5	2218.7	0
38							1065.1	1224.7	1384.4	1544.0	1703.6	1863.2	2022.9	2182.5	2342.1	0
39							1122.7	1291.0	1459.2	1627.5	1795.8	1964.0	2132.3	2300.6	2468.8	0
40								1358.9	1536.0	1713.2	1890.3	2067.5	2244.6	2421.8	2598.9	0
41								1428.6	1614.8	1801.1	1987.3	2173.5	2359.8	2546.0	2732.3	0
42								1500.0	1695.6	1891.1	2086.7	2282.3	2477.8	2673.4	2869.0	0
43								1573.1	1778.2	1983.4	2188.5	2393.6	2598.7	2803.8	3008.9	0
44								1648.0	1862.9	2077.8	2292.7	2507.6	2722.5	2937.4	3152.3	0
45									1949.5	2174.4	2399.3	2624.2	2849.1	3074.0	3298.9	0
46									2038.1	2273.2	2508.3	2743.5	2978.6	3213.7	3448.9	0
47									2128.6	2374.2	2619.8	2865.4	3111.0	3356.5	3602.1	0
48									2221.1	2477.4	2733.7	2989.9	3246.2	3502.5	3758.7	0
49									2315.6	2582.8	2849.9	3117.1	3384.3	3651.5	3918.7	0
50									2412.0	2690.3	2968.6	3247.0	3525.3	3803.6	4081.9	0
BASIS TREES	0	0	3	7	18	17	14	9	2	1	0	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
ENGELMANN SPRUCE
SANTA FE-CARSON-LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.0	1.4	1.8	2.2	2.6	3.0									17
8	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.5								12
9	3.1	6.5	10.0	13.4	16.8	20.2	23.6	27.0	30.5							22
10		10.0	15.3	20.7	26.1	31.4	36.8	42.2	47.5							11
11		13.5	21.0	28.4	35.8	43.2	50.7	58.1	65.5	73.0						12
12		17.1	26.7	36.3	45.8	55.4	64.9	74.5	84.0	93.6						3
13		20.8	32.5	44.3	56.0	67.7	79.5	91.2	102.9	114.6	126.4					3
14		24.5	38.4	52.4	66.3	80.3	94.2	108.1	122.1	136.0	149.9					3
15			44.4	60.6	76.8	92.9	109.1	125.3	141.5	157.6	173.8	190.0				3
16			50.5	68.9	87.4	105.8	124.3	142.7	161.2	179.6	198.1	216.5				3
17			56.6	77.4	98.2	118.9	139.7	160.5	181.2	202.0	222.7	243.5	264.3			3
18			62.9	86.0	109.2	132.3	155.4	178.5	201.7	224.8	247.9	271.0	294.2			4
19			69.3	94.9	120.4	146.0	171.5	197.1	222.6	248.2	273.7	299.2	324.8	350.3		1
20				104.0	132.0	160.0	188.1	216.1	244.1	272.1	300.2	328.2	356.2	384.3		3
21				113.3	143.9	174.5	205.1	235.7	266.3	296.9	327.5	358.1	388.6	419.2	449.8	1
22				123.0	156.2	189.5	222.7	256.0	289.2	322.4	355.7	388.9	422.1	455.4	488.6	1
23				133.0	169.0	205.0	241.0	277.0	312.9	348.9	384.9	420.9	456.9	492.8	528.8	0
24				143.4	182.3	221.1	259.9	298.7	337.6	376.4	415.2	454.0	492.9	531.7	570.5	0
25					196.0	237.8	279.6	321.4	363.2	404.9	446.7	488.5	530.3	572.1	613.9	0
26					210.3	255.2	300.1	344.9	389.8	434.6	479.5	524.4	569.2	614.1	658.9	0
27					225.2	273.3	321.4	369.4	417.5	465.5	513.6	561.6	609.7	657.8	705.8	0
28					240.7	292.1	343.5	394.9	446.3	497.7	549.0	600.4	651.8	703.2	754.6	0
29					256.8	311.7	366.5	421.4	476.2	531.0	585.9	640.7	695.6	750.4	805.3	0
30						332.0	390.4	448.9	507.3	565.7	624.2	682.6	741.0	799.5	857.9	0
31						353.1	415.2	477.4	539.6	601.7	663.9	726.1	788.2	850.4	912.6	0
32						375.0	441.0	507.0	573.0	639.1	705.1	771.1	837.2	903.2	969.2	0
33						397.6	467.6	537.7	607.7	677.7	747.8	817.8	887.8	957.9	1027.9	0
34						421.1	495.2	569.4	643.6	717.8	791.9	866.1	940.3	1014.5	1088.7	0
35							523.8	602.2	680.7	759.1	837.6	916.1	994.5	1073.0	1151.4	0
36							553.2	636.1	719.0	801.9	884.7	967.6	1050.5	1133.4	1216.3	0
37							583.6	671.0	758.5	845.9	933.4	1020.8	1108.3	1195.7	1283.2	0
38							614.9	707.0	799.2	891.3	983.5	1075.6	1167.8	1259.9	1352.1	0
39							647.1	744.1	841.1	938.1	1035.1	1132.1	1229.0	1326.0	1423.0	0
40								782.2	884.2	986.2	1088.1	1190.1	1292.1	1394.0	1496.0	0
41								821.4	928.5	1035.6	1142.7	1249.7	1356.8	1463.9	1571.0	0
42								861.6	974.0	1086.3	1198.7	1311.0	1423.3	1535.7	1648.0	0
43								902.9	1020.6	1138.4	1256.1	1373.8	1491.6	1609.3	1727.0	0
44								945.2	1068.5	1191.7	1315.0	1438.3	1561.5	1684.8	1808.0	0
45									1117.5	1246.4	1375.3	1504.3	1633.2	1762.1	1891.0	0
46									1167.7	1302.4	1437.1	1571.8	1706.6	1841.3	1976.0	0
47									1219.1	1359.7	1500.3	1641.0	1781.6	1922.3	2062.9	0
48									1271.6	1418.3	1565.0	1711.7	1858.4	2005.1	2151.9	0
49									1325.3	1478.2	1631.1	1784.0	1936.9	2089.8	2242.7	0
50									1380.1	1539.3	1698.6	1857.8	2017.1	2176.3	2335.6	0
BASIS TREES	0	0	12	31	20	16	12	9	2	1	0	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
CORKBARK FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.8	1.2	1.6	1.9	2.3	2.6									4
8	1.5	2.9	4.3	5.7	7.2	8.6	10.0	11.4								1
9	2.5	5.3	8.0	10.8	13.5	16.3	19.0	21.8	24.5							4
10		7.7	11.8	15.9	20.0	24.1	28.3	32.4	36.5							4
11		9.9	15.4	20.8	26.3	31.7	37.2	42.6	48.1	53.5						2
12		12.1	18.8	25.6	32.3	39.0	45.8	52.5	59.2	66.0						5
13		14.2	22.2	30.2	38.2	46.2	54.2	62.2	70.2	78.2	86.2					3
14		16.3	25.6	34.9	44.2	53.5	62.8	72.1	81.3	90.6	99.9					0
15			29.2	39.8	50.4	61.0	71.6	82.2	92.9	103.5	114.1	124.7				2
16			32.9	44.9	56.9	68.9	80.9	93.0	105.0	117.0	129.0	141.0				1
17			36.8	50.3	63.9	77.4	90.9	104.4	117.9	131.4	144.9	158.4	171.9			0
18			41.1	56.2	71.2	86.3	101.4	116.5	131.6	146.7	161.8	176.9	192.0			2
19			45.6	62.3	79.1	95.9	112.7	129.5	146.3	163.1	179.8	196.6	213.4	230.2		0
20				68.9	87.5	106.1	124.7	143.3	161.9	180.4	199.0	217.6	236.2	254.8		1
21				75.9	96.4	116.9	137.4	157.9	178.4	198.9	219.4	239.9	260.3	280.8	301.3	0
22				83.3	105.8	128.3	150.8	173.3	195.8	218.3	240.9	263.4	285.9	308.4	330.9	0
23				91.1	115.7	140.3	165.0	189.6	214.2	238.8	263.5	288.1	312.7	337.4	362.0	0
24				99.2	126.1	152.9	179.8	206.6	233.5	260.4	287.2	314.1	340.9	367.8	394.7	0
25					136.9	166.1	195.3	224.5	253.7	282.9	312.1	341.3	370.4	399.6	428.8	0
26					148.3	179.9	211.5	243.1	274.8	306.4	338.0	369.6	401.3	432.9	464.5	0
27					160.1	194.2	228.4	262.6	296.7	330.9	365.0	399.2	433.3	467.5	501.7	0
28					172.4	209.2	245.9	282.7	319.5	356.3	393.1	429.9	466.7	503.5	540.3	0
29					185.1	224.6	264.2	303.7	343.2	382.7	422.3	461.8	501.3	540.9	580.4	0
30						240.7	283.0	325.4	367.8	410.1	452.5	494.8	537.2	579.6	621.9	0
31						257.3	302.6	347.8	393.1	438.4	483.7	529.0	574.3	619.6	664.9	0
32						274.4	322.7	371.1	419.4	467.7	516.0	564.4	612.7	661.0	709.3	0
33						292.1	343.6	395.0	446.5	497.9	549.4	600.8	652.3	703.7	755.2	0
34						310.4	365.0	419.7	474.4	529.1	583.7	638.4	693.1	747.8	802.5	0
35							387.2	445.2	503.2	561.2	619.2	677.2	735.2	793.2	851.2	0
36							409.9	471.4	532.8	594.2	655.6	717.0	778.5	839.9	901.3	0
37							433.4	498.3	563.2	628.2	693.1	758.1	823.0	887.9	952.9	0
38							457.4	526.0	594.5	663.1	731.6	800.2	868.7	937.3	1005.9	0
39							482.1	554.4	626.7	698.9	771.2	843.5	915.7	988.0	1060.3	0
40								583.6	659.7	735.7	811.8	887.9	964.0	1040.0	1116.1	0
41								613.5	693.5	773.5	853.4	933.4	1013.4	1093.4	1173.4	0
42								644.2	728.1	812.1	896.1	980.1	1064.1	1148.1	1232.1	0
43								675.6	763.7	851.7	939.8	1027.9	1116.0	1204.1	1292.2	0
44								707.7	800.0	892.3	984.6	1076.9	1169.1	1261.4	1353.7	0
45									837.2	933.8	1030.4	1126.9	1223.5	1320.1	1416.7	0
46									875.2	976.2	1077.2	1178.1	1279.1	1380.1	1481.1	0
47									914.1	1019.6	1125.0	1230.5	1336.0	1441.4	1546.9	0
48									953.8	1063.9	1173.9	1284.0	1394.0	1504.1	1614.1	0
49									994.4	1109.1	1223.9	1338.6	1453.3	1568.1	1682.8	0
50									1035.8	1155.3	1274.8	1394.4	1513.9	1633.4	1752.9	0
BASIS TREES	0	0	5	5	9	7	5	0	0	0	0	0	0	0	0	

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
YELLOW PINE
SANTA FE-CARSON-LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.3															0
2	.3	.4														0
3	.4	.6	.8													0
4	.6	.9	1.3	1.7												0
5	.8	1.3	1.9	2.4	3.0											0
6	1.0	1.8	2.6	3.4	4.2	5.0										0
7	1.3	2.4	3.5	4.6	5.7	6.7	7.8									0
8	1.7	3.1	4.5	5.9	7.3	8.7	10.1	11.6								1
9	2.0	3.8	5.6	7.4	9.2	11.0	12.8	14.6	16.4							0
10		4.7	6.9	9.1	11.3	13.5	15.7	17.9	20.1							3
11		5.6	8.3	10.9	13.6	16.3	19.0	21.6	24.3	27.0						1
12		6.6	9.8	13.0	16.2	19.3	22.5	25.7	28.9	32.1						1
13		7.7	11.4	15.2	18.9	22.7	26.4	30.1	33.9	37.6	41.3					4
14		8.9	13.2	17.6	21.9	26.2	30.6	34.9	39.2	43.6	47.9					3
15			15.2	20.1	25.1	30.1	35.1	40.0	45.0	50.0	55.0	59.9				3
16			17.2	22.9	28.5	34.2	39.9	45.5	51.2	56.8	62.5	68.2				7
17			19.4	25.8	32.2	38.6	45.0	51.4	57.8	64.1	70.5	76.9	83.3			11
18			21.7	28.9	36.1	43.2	50.4	57.6	64.7	71.9	79.0	86.2	93.4			7
19			24.2	32.2	40.1	48.1	56.1	64.1	72.1	80.1	88.0	96.0	104.0	112.0		16
20				35.6	44.5	53.3	62.2	71.0	79.8	88.7	97.5	106.4	115.2	124.1		10
21				39.2	49.0	58.7	68.5	78.2	88.0	97.8	107.5	117.3	127.0	136.8	146.5	14
22				43.0	53.7	64.5	75.2	85.9	96.6	107.3	118.0	128.7	139.4	150.1	160.8	15
23				47.0	58.7	70.4	82.1	93.8	105.5	117.2	128.9	140.6	152.3	164.0	175.7	9
24				51.2	63.9	76.7	89.4	102.1	114.9	127.6	140.3	153.1	165.8	178.6	191.3	17
25					69.3	83.2	97.0	110.8	124.6	138.4	152.3	166.1	179.9	193.7	207.5	15
26					75.0	89.9	104.9	119.8	134.8	149.7	164.7	179.6	194.6	209.5	224.5	14
27					80.8	97.0	113.1	129.2	145.3	161.4	177.6	193.7	209.8	225.9	242.0	14
28					86.9	104.3	121.6	138.9	156.3	173.6	190.9	208.3	225.6	242.9	260.3	9
29					93.2	111.8	130.4	149.0	167.6	186.2	204.8	223.4	242.0	260.6	279.2	9
30						119.6	139.5	159.4	179.3	199.2	219.1	239.0	259.0	278.9	298.8	8
31						127.7	149.0	170.2	191.5	212.7	234.0	255.2	276.5	297.7	319.0	6
32						136.1	158.7	181.4	204.0	226.7	249.3	272.0	294.6	317.2	339.9	2
33						144.7	168.8	192.9	217.0	241.0	265.1	289.2	313.3	337.4	361.4	1
34						153.6	179.2	204.7	230.3	255.9	281.4	307.0	332.5	358.1	383.7	2
35							189.9	216.9	244.0	271.1	298.2	325.3	352.4	379.5	406.6	0
36							200.8	229.5	258.2	286.8	315.5	344.1	372.8	401.4	430.1	0
37							212.1	242.4	272.7	303.0	333.2	363.5	393.8	424.0	454.3	0
38							223.7	255.7	287.6	319.5	351.5	383.4	415.3	447.3	479.2	0
39							235.7	269.3	302.9	336.6	370.2	403.8	437.5	471.1	504.7	0
40								283.3	318.7	354.0	389.4	424.8	460.2	495.6	530.9	0
41								297.6	334.8	371.9	409.1	446.3	483.5	520.6	557.8	0
42								312.3	351.3	390.3	429.3	468.3	507.3	546.3	585.3	0
43								327.3	368.2	409.1	450.0	490.9	531.8	572.6	613.5	0
44								342.7	385.5	428.3	471.1	513.9	556.8	599.6	642.4	0
45									403.2	448.0	492.8	537.6	582.3	627.1	671.9	0
46									421.3	468.1	514.9	561.7	608.5	655.3	702.1	0
47									439.9	488.7	537.5	586.4	635.2	684.1	732.9	0
48									458.8	509.7	560.7	611.6	662.5	713.5	764.4	0
49									478.1	531.2	584.2	637.3	690.4	743.5	796.6	0
50									497.8	553.0	608.3	663.6	718.9	774.2	829.4	0
BASIS TREES	0	0	5	8	16	36	43	38	28	15	9	2	1	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
YELLOW PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.3	.4														0
3	.4	.6	.7													0
4	.5	.8	1.2	1.5												0
5	.7	1.2	1.7	2.2	2.7											0
6	.9	1.6	2.4	3.1	3.8	4.5										0
7	1.2	2.2	3.1	4.1	5.1	6.1	7.1									0
8	1.5	2.7	4.0	5.3	6.6	7.9	9.2	10.5								0
9	1.8	3.4	5.0	6.7	8.3	9.9	11.6	13.2	14.8							0
10		4.2	6.2	8.2	10.2	12.2	14.2	16.3	18.3							2
11		5.0	7.4	9.8	12.3	14.7	17.2	19.6	22.1	24.6						0
12		5.9	8.8	11.7	14.6	17.5	20.4	23.4	26.3	29.3						0
13		6.9	10.3	13.7	17.1	20.5	23.9	27.4	30.9	34.4	38.0					0
14		8.0	11.9	15.8	19.8	23.8	27.8	31.8	35.9	40.0	44.1					2
15			13.6	18.1	22.7	27.3	31.9	36.5	41.2	45.9	50.7	55.5				2
16			15.4	20.6	25.8	31.0	36.3	41.6	46.9	52.3	57.7	63.2				5
17			17.4	23.2	29.1	35.0	41.0	47.0	53.0	59.1	65.3	71.5	77.8			4
18			19.5	26.0	32.6	39.2	45.9	52.7	59.5	66.4	73.3	80.3	87.4			1
19			21.7	29.0	36.3	43.7	51.2	58.8	66.4	74.1	81.9	89.7	97.6	105.6		1
20				32.1	40.2	48.5	56.8	65.2	73.7	82.3	90.9	99.6	108.5	117.4		6
21				35.4	44.4	53.5	62.7	72.0	81.4	90.8	100.4	110.1	119.9	129.8	139.8	4
22				38.8	48.7	58.7	68.9	79.1	89.4	99.9	110.5	121.2	132.0	142.9	153.9	4
23				42.4	53.3	64.2	75.3	86.6	97.9	109.4	121.0	132.8	144.6	156.6	168.8	5
24				46.2	58.0	70.0	82.1	94.4	106.8	119.4	132.1	144.9	157.9	171.1	184.4	3
25					63.0	76.0	89.2	102.6	116.1	129.8	143.6	157.7	171.9	186.3	200.8	4
26					68.2	82.3	96.6	111.1	125.8	140.7	155.7	171.0	186.5	202.1	218.0	5
27					73.5	88.8	104.3	120.0	135.9	152.0	168.4	184.9	201.7	218.7	236.0	3
28					79.1	95.6	112.3	129.2	146.4	163.8	181.5	199.4	217.6	236.0	254.7	1
29					84.9	102.7	120.6	138.9	157.4	176.1	195.2	214.5	234.2	254.1	274.3	1
30						110.0	129.3	148.9	168.7	188.9	209.4	230.3	251.4	272.8	294.6	0
31						117.6	138.2	159.2	180.5	202.2	224.2	246.6	269.3	292.4	315.8	0
32						125.4	147.5	169.9	192.8	216.0	239.6	263.5	287.9	312.7	337.8	0
33						133.5	157.1	181.1	205.4	230.2	255.4	281.1	307.2	333.7	360.7	0
34						141.9	167.0	192.5	218.5	245.0	271.9	299.3	327.2	355.5	383.7	0
35							177.2	204.4	232.1	260.2	288.9	318.1	347.9	378.2	406.6	0
36							187.8	216.7	246.1	276.0	306.5	337.6	369.3	401.4	430.1	0
37							198.7	229.3	260.5	292.3	324.7	357.8	391.5	424.0	454.3	0
38							209.9	242.3	275.4	309.1	343.5	378.6	414.3	447.3	479.2	0
39							221.5	255.7	290.7	326.4	362.8	400.0	437.5	471.1	504.7	0
40								269.5	306.5	344.3	382.8	422.2	460.2	495.6	530.9	0
41								283.7	322.8	362.6	403.4	445.0	483.5	520.6	557.8	0
42								298.4	339.5	381.5	424.5	468.3	507.3	546.3	585.3	0
43								313.4	356.7	401.0	446.3	490.9	531.8	572.6	613.5	0
44								328.8	374.3	421.0	468.7	513.9	556.8	599.6	642.4	0
45									392.5	441.5	491.7	537.6	582.3	627.1	671.9	0
46									411.1	462.6	514.9	561.7	608.5	655.3	702.1	0
47									430.2	484.3	537.5	586.4	635.2	684.1	732.9	0
48									449.8	506.5	560.7	611.6	662.5	713.5	764.4	0
49									469.9	529.3	584.2	637.3	690.4	743.5	796.6	0
50									490.5	552.6	608.3	663.6	718.9	774.2	829.4	0
BASIS TREES	0	0	2	2	8	11	9	10	5	4	2	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
YELLOW PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.3	.4														0
3	.4	.6	.8													0
4	.5	.9	1.2	1.5												0
5	.7	1.2	1.7	2.3	2.8											0
6	.9	1.7	2.4	3.2	3.9	4.6										0
7	1.2	2.2	3.2	4.2	5.2	6.2	7.2									0
8	1.5	2.8	4.1	5.4	6.8	8.1	9.4	10.7								1
9	1.9	3.5	5.2	6.8	8.5	10.2	11.8	13.5	15.2							0
10		4.3	6.3	8.4	10.4	12.5	14.6	16.7	18.8							1
11		5.1	7.6	10.1	12.6	15.1	17.6	20.1	22.7	25.2						1
12		6.1	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0						1
13		7.1	10.6	14.0	17.5	21.1	24.6	28.1	31.7	35.2	38.8					4
14		8.2	12.2	16.3	20.3	24.4	28.5	32.6	36.8	40.9	45.1					2
15			14.0	18.7	23.3	28.0	32.7	37.5	42.2	47.0	51.8	56.6				1
16			15.9	21.2	26.5	31.9	37.2	42.6	48.1	53.5	59.0	64.6				6
17			17.9	23.9	29.9	36.0	42.1	48.2	54.3	60.5	66.7	73.0	79.3			9
18			20.1	26.8	33.6	40.3	47.2	54.0	61.0	67.9	74.9	82.0	89.0			7
19			22.4	29.9	37.4	45.0	52.6	60.3	68.0	75.8	83.6	91.5	99.4	107.4		17
20				33.1	41.4	49.8	58.3	66.8	75.4	84.1	92.8	101.5	110.4	119.3		9
21				36.5	45.7	55.0	64.3	73.8	83.3	92.8	102.4	112.1	121.9	131.8	141.7	12
22				40.0	50.2	60.4	70.7	81.0	91.5	102.0	112.6	123.3	134.1	144.9	155.9	12
23				43.7	54.8	66.0	77.3	88.7	100.1	111.7	123.3	135.0	146.9	158.8	170.8	8
24				47.6	59.7	71.9	84.2	96.6	109.2	121.8	134.5	147.3	160.2	173.3	186.4	14
25					64.9	78.1	91.5	105.0	118.6	132.3	146.2	160.2	174.2	188.5	202.8	12
26					70.2	84.6	99.1	113.7	128.5	143.3	158.4	173.6	188.9	204.3	219.9	10
27					75.7	91.3	106.9	122.7	138.7	154.8	171.1	187.5	204.1	220.9	237.8	13
28					81.5	98.2	115.1	132.2	149.4	166.8	184.3	202.1	220.0	238.1	256.4	9
29					87.5	105.4	123.6	141.9	160.5	179.2	198.1	217.2	236.5	256.0	275.8	8
30						112.9	132.4	152.1	172.0	192.1	212.4	232.9	253.7	274.7	295.9	6
31						120.7	141.5	162.6	183.9	205.4	227.2	249.2	271.5	294.0	316.8	3
32						128.7	151.0	173.5	196.2	219.3	242.6	266.1	290.0	314.1	338.5	2
33						137.0	160.7	184.7	209.0	233.6	258.5	283.6	309.1	334.8	360.9	2
34						145.5	170.8	196.3	222.2	248.4	274.9	301.7	328.9	356.3	383.7	2
35							181.2	208.3	235.8	263.7	291.8	320.4	349.3	378.6	406.6	0
36							191.9	220.7	249.9	279.4	309.3	339.7	370.4	401.4	430.1	0
37							202.9	233.4	264.3	295.7	327.4	359.6	392.2	424.0	454.3	0
38							214.3	246.6	279.3	312.4	346.0	380.1	414.7	447.3	479.2	0
39							226.0	260.1	294.6	329.6	365.2	401.2	437.5	471.1	504.7	0
40								273.9	310.4	347.4	384.9	423.0	460.2	495.6	530.9	0
41								288.2	326.6	365.6	405.2	445.4	483.5	520.6	557.8	0
42								302.8	343.3	384.4	426.1	468.3	507.3	546.3	585.3	0
43								317.9	360.4	403.6	447.5	490.9	531.8	572.6	613.5	0
44								333.3	378.0	423.4	469.5	513.9	556.8	599.6	642.4	0
45									396.0	443.6	492.1	537.6	582.3	627.1	671.9	0
46									414.4	464.4	514.9	561.7	608.5	655.3	702.1	0
47									433.3	485.7	537.5	586.4	635.2	684.1	732.9	0
48									452.7	507.5	560.7	611.6	662.5	713.5	764.4	0
49									472.6	529.9	584.2	637.3	690.4	743.5	796.6	0
50									492.8	552.8	608.3	663.6	718.9	774.2	829.4	0
BASIS TREES	0	0	3	8	13	30	40	35	25	12	7	4	1	0	1	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
YELLOW PINE
SANTA FE-CARSON-LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	1.0	1.4	1.9	2.4											0
6	.7	1.5	2.2	2.9	3.6	4.3										0
7	1.0	2.0	3.0	4.0	5.0	6.0	7.1									0
8	1.2	2.6	4.0	5.3	6.7	8.0	9.4	10.7								1
9	1.5	3.3	5.0	6.7	8.5	10.2	12.0	13.7	15.4							0
10		4.0	6.2	8.4	10.5	12.7	14.8	17.0	19.2							3
11		4.9	7.5	10.1	12.8	15.4	18.0	20.6	23.3	25.9						1
12		5.8	8.9	12.1	15.2	18.3	21.5	24.6	27.8	30.9						1
13		6.8	10.5	14.2	17.9	21.6	25.3	28.9	32.6	36.3	40.0					4
14		7.8	12.1	16.4	20.7	25.0	29.3	33.6	37.9	42.2	46.5					3
15			13.9	18.8	23.8	28.7	33.7	38.6	43.6	48.5	53.4	58.4				3
16			15.8	21.4	27.1	32.7	38.3	44.0	49.6	55.2	60.8	66.5				7
17			17.8	24.2	30.6	36.9	43.3	49.6	56.0	62.4	68.7	75.1	81.4			11
18			20.0	27.1	34.3	41.4	48.5	55.7	62.8	69.9	77.1	84.2	91.4			7
19			22.3	30.2	38.2	46.1	54.1	62.0	70.0	78.0	85.9	93.9	101.8	109.8		16
20				33.5	42.3	51.1	59.9	68.8	77.6	86.4	95.2	104.0	112.9	121.7		10
21				36.9	46.6	56.4	66.1	75.8	85.5	95.3	105.0	114.7	124.4	134.2	143.9	14
22				40.5	51.2	61.8	72.5	83.2	93.9	104.6	115.2	125.9	136.6	147.3	158.0	15
23				44.2	55.9	67.6	79.3	90.9	102.6	114.3	126.0	137.7	149.3	161.0	172.7	9
24				48.2	60.9	73.6	86.3	99.0	111.7	124.5	137.2	149.9	162.6	175.3	188.0	17
25					66.1	79.9	93.7	107.5	121.3	135.1	148.9	162.7	176.5	190.3	204.1	15
26					71.4	86.4	101.3	116.2	131.2	146.1	161.0	175.9	190.9	205.8	220.7	14
27					77.0	93.1	109.2	125.3	141.4	157.5	173.6	189.7	205.8	221.9	238.1	14
28					82.8	100.2	117.5	134.8	152.1	169.4	186.8	204.1	221.4	238.7	256.0	8
29					88.9	107.4	126.0	144.6	163.2	181.8	200.3	218.9	237.5	256.1	274.7	9
30						115.0	134.9	154.7	174.6	194.5	214.4	234.3	254.2	274.0	293.9	8
31						122.8	144.0	165.2	186.5	207.7	228.9	250.2	271.4	292.6	313.9	6
32						130.8	153.4	176.1	198.7	221.3	243.9	266.6	289.2	311.8	334.5	2
33						139.1	163.2	187.2	211.3	235.4	259.4	283.5	307.6	331.6	355.7	1
34						147.7	173.2	198.8	224.3	249.8	275.4	300.9	326.5	352.0	377.6	2
35							183.5	210.6	237.7	264.8	291.8	318.9	346.0	373.1	400.1	0
36							194.2	222.8	251.5	280.1	308.7	337.4	366.0	394.7	423.3	0
37							205.1	235.4	265.6	295.9	326.1	356.4	386.7	416.9	447.2	0
38							216.3	248.3	280.2	312.1	344.0	375.9	407.8	439.8	471.7	0
39							227.9	261.5	295.1	328.7	362.3	396.0	429.6	463.2	496.8	0
40								275.1	310.4	345.8	381.2	416.5	451.9	487.3	522.6	0
41								289.0	326.1	363.3	400.5	437.6	474.8	511.9	549.1	0
42								303.3	342.2	381.2	420.2	459.2	498.2	537.2	576.2	0
43								317.9	358.7	399.6	440.5	481.4	522.2	563.1	604.0	0
44								332.8	375.6	418.4	461.2	504.0	546.8	589.6	632.4	0
45									392.9	437.6	482.4	527.2	571.9	616.7	661.5	0
46									410.5	457.3	504.1	550.9	597.6	644.4	691.2	0
47									428.6	477.4	526.2	575.1	623.9	672.7	721.6	0
48									447.0	497.9	548.9	599.8	650.7	701.7	752.6	0
49									465.8	518.9	572.0	625.1	678.1	731.2	784.3	0
50									485.0	540.3	595.6	650.8	706.1	761.4	816.6	0
BASIS TREES	0	0	5	8	16	36	43	38	28	15	9	2	1	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
YELLOW PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.9	1.3	1.7	2.1											0
6	.7	1.3	1.9	2.6	3.2	3.9										0
7	.9	1.8	2.7	3.6	4.5	5.4	6.4									0
8	1.1	2.3	3.5	4.8	6.0	7.2	8.4	9.7								0
9	1.4	2.9	4.5	6.1	7.6	9.2	10.8	12.4	14.0							0
10		3.6	5.5	7.5	9.5	11.4	13.4	15.4	17.4							2
11		4.3	6.7	9.1	11.5	13.9	16.3	18.7	21.1	23.6						0
12		5.2	8.0	10.8	13.7	16.5	19.4	22.3	25.3	28.2						0
13		6.0	9.4	12.7	16.1	19.5	22.9	26.3	29.7	33.2	36.7					0
14		7.0	10.8	14.7	18.7	22.6	26.6	30.6	34.6	38.6	42.7					2
15			12.4	16.9	21.4	26.0	30.6	35.2	39.8	44.5	49.2	54.0				2
16			14.1	19.2	24.4	29.6	34.8	40.1	45.4	50.8	56.1	61.6				5
17			16.0	21.7	27.6	33.4	39.4	45.3	51.4	57.4	63.6	69.7	76.0			4
18			17.9	24.4	30.9	37.5	44.2	50.9	57.7	64.5	71.4	78.4	85.4			1
19			19.9	27.2	34.5	41.8	49.3	56.8	64.4	72.1	79.8	87.6	95.5	103.5		1
20				30.1	38.2	46.4	54.7	63.1	71.5	80.0	88.7	97.4	106.2	115.1		6
21				33.2	42.2	51.2	60.4	69.6	79.0	88.5	98.0	107.7	117.4	127.3	137.3	4
22				36.4	46.3	56.3	66.4	76.6	86.9	97.3	107.8	118.5	129.3	140.2	151.2	4
23				39.8	50.6	61.6	72.6	83.8	95.1	106.6	118.2	129.9	141.8	153.8	165.9	5
24				43.4	55.2	67.1	79.2	91.4	103.8	116.3	129.0	141.9	154.9	168.0	181.4	3
25					59.9	72.9	86.0	99.4	112.9	126.5	140.4	154.4	168.6	183.0	197.6	4
26					64.8	78.9	93.2	107.7	122.3	137.2	152.2	167.5	183.0	198.6	214.5	5
27					70.0	85.2	100.6	116.3	132.2	148.3	164.6	181.2	198.0	215.0	232.3	3
28					75.3	91.7	108.4	125.3	142.4	159.9	177.5	195.4	213.6	232.1	250.8	1
29					80.9	98.5	116.4	134.6	153.1	171.9	190.9	210.3	229.9	249.9	270.1	1
30						105.5	124.8	144.4	164.2	184.4	204.9	225.7	246.9	268.4	290.2	0
31						112.8	133.5	154.4	175.7	197.4	219.4	241.8	264.5	287.7	311.2	0
32						120.4	142.4	164.9	187.7	210.9	234.5	258.5	282.9	307.7	332.9	0
33						128.2	151.7	175.7	200.0	224.8	250.1	275.7	301.9	328.5	355.5	0
34						136.2	161.3	186.8	212.8	239.3	266.2	293.7	321.6	350.0	377.6	0
35							171.2	198.4	226.0	254.2	282.9	312.2	342.0	372.4	400.1	0
36							181.4	210.3	239.7	269.7	300.2	331.4	363.1	394.7	423.3	0
37							192.0	222.6	253.8	285.6	318.1	351.2	385.0	416.9	447.2	0
38							202.8	235.2	268.3	302.1	336.5	371.7	407.5	439.8	471.7	0
39							214.0	248.3	283.3	319.0	355.5	392.8	429.6	463.2	496.8	0
40								261.7	298.7	336.5	375.1	414.6	451.9	487.3	522.6	0
41								275.6	314.6	354.5	395.3	437.0	474.8	511.9	549.1	0
42								289.8	330.9	373.0	416.1	459.2	498.2	537.2	576.2	0
43								304.4	347.7	392.1	437.5	481.4	522.2	563.1	604.0	0
44								319.4	365.0	411.7	459.5	504.0	546.8	589.6	632.4	0
45									382.7	431.8	482.2	527.2	571.9	616.7	661.5	0
46									400.9	452.5	504.1	550.9	597.6	644.4	691.2	0
47									419.6	473.8	526.2	575.1	623.9	672.7	721.6	0
48									438.7	495.5	548.9	599.8	650.7	701.7	752.6	0
49									458.4	517.9	572.0	625.1	678.1	731.2	784.3	0
50									478.5	540.3	595.6	650.8	706.1	761.4	816.6	0
BASIS TREES	0	0	2	2	8	11	9	10	5	4	2	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
YELLOW PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.9	1.3	1.7	2.2											0
6	.7	1.3	2.0	2.7	3.3	4.0										0
7	.9	1.8	2.8	3.7	4.6	5.6	6.5									0
8	1.1	2.4	3.6	4.9	6.1	7.4	8.7	9.9								1
9	1.4	3.0	4.6	6.2	7.8	9.4	11.1	12.7	14.3							0
10		3.7	5.7	7.7	9.7	11.7	13.8	15.8	17.8							1
11		4.5	6.9	9.3	11.8	14.2	16.7	19.2	21.7	24.2						1
12		5.3	8.2	11.1	14.1	17.0	20.0	22.9	25.9	28.9						1
13		6.2	9.6	13.1	16.5	20.0	23.5	27.0	30.5	34.0	37.6					4
14		7.2	11.2	15.2	19.2	23.2	27.3	31.4	35.5	39.6	43.7					2
15			12.8	17.4	22.1	26.7	31.4	36.1	40.8	45.6	50.3	55.1				1
16			14.6	19.8	25.1	30.4	35.8	41.1	46.5	52.0	57.4	62.9				6
17			16.5	22.4	28.4	34.4	40.4	46.5	52.6	58.8	65.0	71.2	77.5			9
18			18.5	25.1	31.8	38.6	45.4	52.2	59.1	66.0	73.0	80.0	87.1			7
19			20.6	28.0	35.5	43.0	50.6	58.3	66.0	73.7	81.5	89.4	97.3	105.2		17
20				31.0	39.4	47.7	56.2	64.7	73.2	81.8	90.5	99.3	108.1	116.9		9
21				34.2	43.4	52.7	62.0	71.4	80.9	90.4	100.0	109.7	119.4	129.3	139.2	12
22				37.6	47.7	57.9	68.1	78.5	88.9	99.4	110.0	120.6	131.4	142.2	153.2	12
23				41.1	52.2	63.3	74.6	85.9	97.3	108.8	120.4	132.2	144.0	155.9	167.9	8
24				44.8	56.8	69.0	81.3	93.6	106.1	118.7	131.4	144.2	157.1	170.2	183.3	14
25					61.7	74.9	88.3	101.7	115.3	129.0	142.9	156.8	170.9	185.1	199.5	12
26					66.8	81.1	95.6	110.2	124.9	139.8	154.8	170.0	185.3	200.8	216.4	10
27					72.1	87.6	103.2	119.0	135.0	151.1	167.3	183.7	200.3	217.1	234.0	13
28					77.6	94.3	111.1	128.2	145.4	162.7	180.3	198.0	216.0	234.1	252.4	9
29					83.3	101.2	119.3	137.7	156.2	174.9	193.8	212.9	232.2	251.7	271.5	8
30						108.4	127.9	147.5	167.4	187.5	207.8	228.3	249.1	270.1	291.4	8
31						115.9	136.7	157.7	179.0	200.6	222.3	244.4	266.6	289.2	312.0	8
32						123.6	145.8	168.3	191.1	214.1	237.4	261.0	284.8	309.0	333.4	2
33						131.6	155.3	179.3	203.5	228.1	253.0	278.2	303.6	329.4	355.6	2
34						139.8	165.0	190.5	216.4	242.6	269.1	295.9	323.1	350.7	377.6	2
35							175.1	202.2	229.7	257.5	285.7	314.3	343.2	372.6	400.1	0
36							185.5	214.2	243.4	272.9	302.9	333.3	364.0	394.7	423.3	0
37							196.1	226.6	257.5	288.9	320.6	352.8	385.5	416.9	447.2	0
38							207.1	239.4	272.1	305.2	338.9	373.0	407.6	439.8	471.7	0
39							218.4	252.5	287.1	322.1	357.7	393.8	429.6	463.2	496.8	0
40								266.0	302.5	339.5	377.1	415.2	451.9	487.3	522.6	0
41								279.9	318.3	357.3	397.0	437.2	474.8	511.9	549.1	0
42								294.1	334.6	375.7	417.4	459.2	498.2	537.2	576.2	0
43								308.7	351.3	394.5	438.5	481.4	522.2	563.1	604.0	0
44								323.7	368.4	413.9	460.1	504.0	546.8	589.6	632.4	0
45									386.0	433.7	482.3	527.2	571.9	616.7	661.5	0
46									404.0	454.1	504.1	550.9	597.6	644.4	691.2	0
47									422.5	474.9	526.2	575.1	623.9	672.7	721.6	0
48									441.4	496.3	548.9	599.8	650.7	701.7	752.6	0
49									460.8	518.2	572.0	625.1	678.1	731.2	784.3	0
50									480.6	540.3	595.6	650.8	706.1	761.4	816.6	0
BASIS TREES	0	0	3	8	13	30	40	35	25	12	7	4	1	0	1	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
YELLOW PINE
SANTA FE-CARSON-LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.8	1.7	2.5	3.3	4.2	5.0	5.9									0
8	1.1	2.3	3.5	4.7	5.9	7.1	8.3	9.5								1
9	1.4	3.0	4.6	6.2	7.8	9.4	11.0	12.6	14.2							0
10		3.8	5.8	7.9	9.9	12.0	14.0	16.0	18.1							3
11		4.6	7.2	9.7	12.2	14.7	17.3	19.8	22.3	24.8						1
12		5.6	8.6	11.7	14.7	17.7	20.8	23.8	26.9	29.9						1
13		6.6	10.2	13.8	17.4	21.0	24.6	28.2	31.8	35.4	39.0					4
14		7.7	11.9	16.1	20.3	24.5	28.7	32.9	37.1	41.4	45.6					3
15			13.7	18.5	23.4	28.3	33.1	38.0	42.8	47.7	52.6	57.4				3
16			15.6	21.1	26.7	32.3	37.8	43.4	48.9	54.5	60.0	65.6				7
17			17.6	23.9	30.2	36.5	42.8	49.1	55.4	61.7	68.0	74.2	80.5			11
18			19.8	26.9	33.9	41.0	48.1	55.1	62.2	69.3	76.3	83.4	90.5			7
19			22.1	30.0	37.9	45.8	53.6	61.5	69.4	77.3	85.2	93.1	101.0	108.9		16
20				33.2	42.0	50.8	59.5	68.3	77.0	85.8	94.6	103.3	112.1	120.8		10
21				36.7	46.3	56.0	65.7	75.4	85.0	94.7	104.4	114.0	123.7	133.4	143.0	14
22				40.3	50.9	61.5	72.1	82.8	93.4	104.0	114.6	125.3	135.9	146.5	157.1	15
23				44.0	55.7	67.3	78.9	90.5	102.2	113.8	125.4	137.0	148.6	160.3	171.9	9
24				48.0	60.6	73.3	86.0	98.6	111.3	124.0	136.6	149.3	162.0	174.6	187.3	17
25					65.8	79.6	93.3	107.1	120.8	134.6	148.3	162.1	175.8	189.6	203.3	15
26					71.2	86.1	101.0	115.9	130.7	145.6	160.5	175.4	190.3	205.2	220.0	14
27					76.8	92.9	108.9	125.0	141.0	157.1	173.2	189.2	205.3	221.3	237.4	14
28					82.6	99.9	117.2	134.5	151.7	169.0	186.3	203.6	220.8	238.1	255.4	8
29					88.7	107.2	125.7	144.3	162.8	181.3	199.9	218.4	237.0	255.5	274.0	9
30						114.7	134.6	154.4	174.3	194.1	214.0	233.8	253.6	273.5	293.3	8
31						122.5	143.7	164.9	186.1	207.3	228.5	249.7	270.9	292.1	313.3	6
32						130.6	153.2	175.8	198.4	220.9	243.5	266.1	288.7	311.3	333.9	2
33						138.9	162.9	186.9	211.0	235.0	259.0	283.1	307.1	331.1	355.1	1
34						147.4	173.0	198.5	224.0	249.5	275.0	300.5	326.0	351.5	377.1	2
35							183.3	210.3	237.4	264.4	291.5	318.5	345.5	372.6	399.6	0
36							193.9	222.5	251.2	279.8	308.4	337.0	365.6	394.2	422.8	0
37							204.9	235.1	265.3	295.6	325.8	356.0	386.2	416.5	446.7	0
38							216.1	248.0	279.9	311.8	343.7	375.5	407.4	439.3	471.2	0
39							227.7	261.2	294.8	328.4	362.0	395.6	429.2	462.8	496.4	0
40								274.8	310.2	345.5	380.8	416.2	451.5	486.8	522.2	0
41								288.8	325.9	363.0	400.1	437.3	474.4	511.5	548.7	0
42								303.0	342.0	381.0	419.9	458.9	497.9	536.8	575.8	0
43								317.6	358.5	399.3	440.2	481.0	521.9	562.7	603.6	0
44								332.6	375.4	418.1	460.9	503.7	546.5	589.2	632.0	0
45									392.6	437.4	482.1	526.9	571.6	616.3	661.1	0
46									410.3	457.0	503.8	550.6	597.3	644.1	690.8	0
47									428.3	477.2	526.0	574.8	623.6	672.4	721.2	0
48									446.8	497.7	548.6	599.5	650.4	701.3	752.2	0
49									465.6	518.6	571.7	624.8	677.8	730.9	783.9	0
50									484.8	540.0	595.3	650.5	705.8	761.0	816.3	0
BASIS TREES	0	0	5	8	16	36	43	38	28	15	9	2	1	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
YELLOW PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.7	1.5	2.2	3.0	3.7	4.5	5.3									0
8	1.0	2.1	3.1	4.2	5.3	6.4	7.5	8.6								0
9	1.3	2.7	4.1	5.6	7.0	8.5	9.9	11.4	12.9							0
10		3.4	5.2	7.1	8.9	10.8	12.6	14.5	16.4							2
11		4.1	6.4	8.7	11.0	13.3	15.6	17.9	20.2	22.6						0
12		5.0	7.7	10.4	13.2	16.0	18.8	21.6	24.4	27.3						0
13		5.9	9.1	12.4	15.6	18.9	22.3	25.6	29.0	32.4	35.8					0
14		6.8	10.6	14.4	18.3	22.1	26.0	29.9	33.9	37.8	41.8					2
15			12.2	16.6	21.1	25.5	30.0	34.6	39.1	43.7	48.4	53.0				2
16			13.9	19.0	24.0	29.2	34.3	39.5	44.8	50.0	55.4	60.7				5
17			15.7	21.5	27.2	33.0	38.9	44.8	50.7	56.8	62.8	68.9	75.1			4
18			17.7	24.1	30.6	37.1	43.7	50.4	57.1	63.9	70.7	77.7	84.6			1
19			19.7	26.9	34.2	41.5	48.9	56.3	63.9	71.5	79.1	86.9	94.7	102.6		1
20				29.8	37.9	46.1	54.3	62.6	71.0	79.5	88.0	96.7	105.4	114.3		6
21				32.9	41.9	50.9	60.0	69.2	78.5	87.9	97.4	107.0	116.7	126.5	136.5	4
22				36.2	46.0	55.9	66.0	76.1	86.4	96.8	107.3	117.9	128.6	139.5	150.5	4
23				39.6	50.4	61.2	72.2	83.4	94.7	106.1	117.6	129.3	141.1	153.1	165.2	5
24				43.2	54.9	66.8	78.8	91.0	103.4	115.8	128.5	141.3	154.3	167.4	180.7	3
25					59.6	72.6	85.7	99.0	112.4	126.1	139.9	153.9	168.0	182.4	197.0	4
26					64.6	78.6	92.9	107.3	121.9	136.7	151.8	167.0	182.4	198.1	214.0	5
27					69.7	84.9	100.3	115.9	131.8	147.9	164.2	180.7	197.5	214.5	231.8	3
28					75.1	91.4	108.1	124.9	142.1	159.5	177.1	195.0	213.2	231.6	250.3	1
29					80.6	98.2	116.1	134.3	152.8	171.5	190.6	209.9	229.5	249.4	269.7	1
30						105.3	124.5	144.0	163.9	184.1	204.5	225.4	246.5	268.0	289.9	0
31						112.6	133.2	154.1	175.4	197.1	219.1	241.5	264.2	287.3	310.9	0
32						120.1	142.2	164.6	187.4	210.6	234.2	258.2	282.6	307.4	332.7	0
33						127.9	151.4	175.4	199.7	224.5	249.8	275.5	301.6	328.3	355.1	0
34						136.0	161.1	186.6	212.5	239.0	266.0	293.4	321.4	349.9	377.1	0
35							171.0	198.1	225.8	254.0	282.7	312.0	341.9	372.3	399.6	0
36							181.2	210.0	239.5	269.4	300.0	331.2	363.0	394.2	422.8	0
37							191.8	222.4	253.6	285.4	317.9	351.1	384.9	416.5	446.7	0
38							202.6	235.0	268.1	301.9	336.4	371.6	407.4	439.3	471.2	0
39							213.8	248.1	283.1	318.9	355.5	392.8	429.2	462.8	496.4	0
40								261.6	298.6	336.4	375.1	414.6	451.5	486.8	522.2	0
41								275.4	314.5	354.5	395.3	437.2	474.4	511.5	548.7	0
42								289.6	330.8	373.0	416.2	458.9	497.9	536.8	575.8	0
43								304.3	347.7	392.1	437.7	481.0	521.9	562.7	603.6	0
44								319.3	365.0	411.8	459.7	503.7	546.5	589.2	632.0	0
45									382.7	432.0	482.1	526.9	571.6	616.3	661.1	0
46									401.0	452.7	503.8	550.6	597.3	644.1	690.8	0
47									419.7	474.0	526.0	574.8	623.6	672.4	721.2	0
48									438.9	495.8	548.6	599.5	650.4	701.3	752.2	0
49									458.5	518.2	571.7	624.8	677.8	730.9	783.9	0
50									478.7	540.0	595.3	650.5	705.8	761.0	816.3	0
BASIS TREES	0	0	2	2	8	11	9	10	5	4	2	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
YELLOW PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.7	1.5	2.3	3.1	3.8	4.6	5.4									0
8	1.0	2.1	3.2	4.3	5.4	6.6	7.7	8.8								1
9	1.3	2.8	4.2	5.7	7.2	8.7	10.2	11.7	13.2							0
10		3.5	5.4	7.3	9.2	11.1	13.0	14.9	16.8							1
11		4.3	6.6	8.9	11.3	13.6	16.0	18.4	20.8	23.1						1
12		5.1	7.9	10.8	13.6	16.4	19.3	22.2	25.1	27.9						1
13		6.0	9.4	12.7	16.1	19.5	22.9	26.3	29.7	33.2	36.6					4
14		7.0	10.9	14.8	18.8	22.7	26.7	30.7	34.7	38.8	42.8					2
15			12.6	17.1	21.7	26.2	30.8	35.5	40.1	44.8	49.5	54.2				1
16			14.4	19.5	24.8	30.0	35.3	40.5	45.9	51.2	56.6	62.0				6
17			16.3	22.1	28.0	34.0	39.9	46.0	52.0	58.1	64.2	70.4	76.6			9
18			18.3	24.9	31.5	38.2	44.9	51.7	58.5	65.4	72.3	79.2	86.2			7
19			20.4	27.8	35.2	42.7	50.2	57.8	65.4	73.1	80.8	88.6	96.5	104.4		17
20				30.8	39.1	47.4	55.8	64.2	72.7	81.3	89.9	98.6	107.3	116.1		9
21				34.0	43.1	52.3	61.6	70.9	80.4	89.8	99.4	109.0	118.7	128.5	138.3	12
22				37.4	47.4	57.5	67.7	78.0	88.4	98.9	109.4	120.0	130.7	141.5	152.4	12
23				40.9	51.9	63.0	74.2	85.5	96.8	108.3	119.9	131.6	143.3	155.2	167.2	8
24				44.6	56.6	68.7	80.9	93.2	105.7	118.2	130.9	143.6	156.5	169.5	182.6	14
25					61.5	74.6	87.9	101.4	114.9	128.6	142.4	156.3	170.3	184.5	198.8	12
26					66.6	80.8	95.3	109.8	124.5	139.4	154.4	169.5	184.8	200.2	215.8	10
27					71.8	87.3	102.9	118.6	134.6	150.6	166.9	183.3	199.8	216.5	233.4	13
28					77.3	94.0	110.8	127.8	145.0	162.3	179.9	197.6	215.5	233.6	251.8	9
29					83.1	101.0	119.0	137.3	155.8	174.5	193.4	212.5	231.8	251.3	271.0	8
30						108.2	127.6	147.2	167.1	187.1	207.4	227.9	248.7	269.7	290.9	8
31						115.6	136.4	157.4	178.7	200.2	222.0	244.0	266.3	288.8	311.6	8
32						123.4	145.6	168.0	190.8	213.8	237.1	260.6	284.5	308.6	333.1	2
33						131.3	155.0	179.0	203.2	227.8	252.7	277.8	303.3	329.1	355.1	2
34						139.6	164.8	190.3	216.1	242.3	268.8	295.6	322.8	350.4	377.1	2
35							174.8	201.9	229.4	257.3	285.5	314.0	343.0	372.4	399.6	0
36							185.2	214.0	243.1	272.7	302.7	333.0	363.8	394.2	422.8	0
37							195.9	226.4	257.3	288.6	320.4	352.6	385.3	416.5	446.7	0
38							206.9	239.2	271.9	305.0	338.7	372.9	407.4	439.3	471.2	0
39							218.2	252.3	286.9	321.9	357.5	393.7	429.2	462.8	496.4	0
40								265.8	302.3	339.3	376.9	415.1	451.5	486.8	522.2	0
41								279.7	318.1	357.2	396.9	437.2	474.4	511.5	548.7	0
42								293.9	334.4	375.6	417.4	458.9	497.9	536.8	575.8	0
43								308.6	351.2	394.5	438.5	481.0	521.9	562.7	603.6	0
44								323.6	368.3	413.8	460.1	503.7	546.5	589.2	632.0	0
45									385.9	433.7	482.1	526.9	571.6	616.3	661.1	0
46									404.0	454.1	503.8	550.6	597.3	644.1	690.8	0
47									422.5	475.0	526.0	574.8	623.6	672.4	721.2	0
48									441.4	496.4	548.6	599.5	650.4	701.3	752.2	0
49									460.8	518.4	571.7	624.8	677.8	730.9	783.9	0
50									480.7	540.0	595.3	650.5	705.8	761.0	816.3	0
BASIS TREES	0	0	3	8	13	30	40	35	25	12	7	4	1	0	1	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
YELLOW PINE
SANTA FE-CARSON-LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.0	2.1	3.2	4.3	5.3	6.4	7.5									0
8	2.8	5.8	8.8	11.8	14.9	17.9	20.9	23.9								1
9	4.8	10.2	15.6	21.0	26.4	31.8	37.3	42.7	48.1							0
10		15.2	23.4	31.6	39.7	47.9	56.1	64.3	72.5							3
11		20.8	32.1	43.4	54.7	66.0	77.3	88.5	99.8	111.1						1
12		27.0	41.7	56.5	71.2	85.9	100.6	115.4	130.1	144.8						1
13		33.7	52.2	70.7	89.2	107.7	126.2	144.7	163.2	181.7	200.2					4
14		41.0	63.6	86.2	108.7	131.3	153.9	176.5	199.0	221.6	244.2					3
15			75.8	102.8	129.8	156.8	183.7	210.7	237.7	264.6	291.6	318.6				3
16			88.9	120.6	152.3	184.0	215.7	247.4	279.1	310.7	342.4	374.1				7
17			102.9	139.6	176.3	213.0	249.8	286.5	323.2	359.9	396.6	433.3	470.1			11
18			117.7	159.8	201.8	243.9	286.0	328.0	370.1	412.1	454.2	496.2	538.3			7
19			133.4	181.1	228.8	276.6	324.3	372.0	419.7	467.4	515.1	562.8	610.5	658.2		16
20				203.7	257.3	311.0	364.7	418.4	472.0	525.7	579.4	633.1	686.8	740.4		10
21				227.4	287.3	347.3	407.2	467.2	527.1	587.1	647.1	707.0	767.0	826.9	886.9	14
22				252.2	318.8	385.3	451.9	518.4	585.0	651.5	718.1	784.6	851.2	917.7	984.3	15
23				278.3	351.8	425.2	498.7	572.1	645.6	719.0	792.5	866.0	939.4	1012.9	1086.3	9
24				305.5	386.2	466.9	547.6	628.2	708.9	789.6	870.3	950.9	1031.6	1112.3	1193.0	17
25					422.2	510.4	598.6	686.8	775.0	863.2	951.4	1039.6	1127.8	1216.0	1304.2	15
26					459.6	555.7	651.7	747.8	843.8	939.9	1035.9	1132.0	1228.0	1324.1	1420.1	14
27					498.6	602.8	707.0	811.2	915.4	1019.6	1123.8	1228.0	1332.2	1436.4	1540.7	14
28					539.0	651.7	764.3	877.0	989.7	1102.4	1215.1	1327.8	1440.4	1553.1	1665.8	8
29					580.9	702.4	823.8	945.3	1066.8	1188.2	1309.7	1431.2	1552.6	1674.1	1795.6	9
30						754.9	885.5	1016.0	1146.6	1277.2	1407.7	1538.3	1668.9	1799.4	1930.0	8
31						809.2	949.2	1089.2	1229.2	1369.1	1509.1	1649.1	1789.1	1929.0	2069.0	6
32						865.4	1015.1	1164.8	1314.5	1464.2	1613.9	1763.6	1913.3	2063.0	2212.7	2
33						923.3	1083.0	1242.8	1402.5	1562.3	1722.0	1881.7	2041.5	2201.2	2361.0	1
34						983.1	1153.1	1323.2	1493.3	1663.4	1833.5	2003.6	2173.7	2343.8	2513.9	2
35							1225.4	1406.1	1586.9	1767.7	1948.4	2129.2	2309.9	2490.7	2671.4	0
36							1299.7	1491.5	1683.2	1874.9	2066.7	2258.4	2450.2	2641.9	2833.6	0
37							1376.2	1579.2	1782.3	1985.3	2188.3	2391.4	2594.4	2797.4	3000.5	0
38							1454.8	1669.4	1884.1	2098.7	2313.4	2528.0	2742.6	2957.3	3171.9	0
39							1535.5	1762.1	1988.6	2215.2	2441.8	2668.3	2894.9	3121.4	3348.0	0
40								1857.2	2096.0	2334.7	2573.5	2812.3	3051.1	3289.9	3528.7	0
41								1954.7	2206.0	2457.4	2708.7	2960.0	3211.4	3462.7	3714.1	0
42								2054.6	2318.8	2583.0	2847.2	3111.4	3375.6	3639.8	3904.0	0
43								2157.0	2434.4	2711.8	2989.2	3266.5	3543.9	3821.3	4098.7	0
44								2261.9	2552.7	2843.6	3134.5	3425.3	3716.2	4007.1	4297.9	0
45									2673.8	2978.5	3283.1	3587.8	3892.5	4197.1	4501.8	0
46									2797.6	3116.4	3435.2	3754.0	4072.8	4391.6	4710.3	0
47									2924.2	3257.4	3590.6	3923.9	4257.1	4590.3	4923.5	0
48									3053.5	3401.5	3749.5	4097.4	4445.4	4793.3	5141.3	0
49									3185.6	3548.6	3911.7	4274.7	4637.7	5000.7	5363.7	0
50									3320.5	3698.8	4077.2	4455.6	4834.0	5212.4	5590.8	0
BASIS TREES	0	0	5	8	16	36	43	38	29	15	9	2	1	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
YELLOW PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.2	.8	1.5	2.4	3.4	4.5	5.6									0
8	.6	2.1	4.1	6.6	9.4	12.5	15.7	19.0								0
9	1.0	3.6	7.2	11.7	16.7	22.1	27.9	33.8	39.8							0
10		5.2	10.7	17.4	25.0	33.2	41.8	50.8	59.8							2
11		7.0	14.5	23.7	34.2	45.5	57.5	69.8	82.3	95.0						0
12		9.0	18.7	30.7	44.3	59.1	74.7	90.7	107.1	123.7						0
13		11.1	23.2	38.3	55.3	73.9	93.4	113.6	134.2	155.0	175.8					0
14		13.3	28.1	46.4	67.2	89.8	113.7	138.3	163.4	188.8	214.3					2
15			33.3	55.1	79.9	106.9	135.4	164.9	194.9	225.3	255.7	286.2				2
16			38.8	64.3	93.5	125.2	158.7	193.3	228.6	264.3	300.1	335.8				5
17			44.6	74.1	107.9	144.7	183.5	223.6	264.5	305.8	347.3	388.8	430.1			4
18			50.7	84.5	123.2	165.3	209.7	255.7	302.6	349.9	397.5	445.0	492.3			1
19			57.2	95.5	139.3	187.1	237.5	289.6	342.8	396.6	450.6	504.5	558.2	611.5		1
20				107.0	156.3	210.0	266.7	325.4	385.3	445.8	506.5	567.2	627.7	687.7		6
21				119.1	174.2	234.1	297.5	363.0	429.9	497.5	565.4	633.2	700.8	767.9	834.5	4
22				131.8	192.9	259.4	329.7	402.5	476.8	551.8	627.2	702.5	777.5	852.0	926.0	4
23				145.0	212.4	285.9	363.5	443.8	525.8	608.7	691.9	775.0	857.8	940.1	1021.8	5
24				158.8	232.8	313.5	398.7	487.0	577.1	668.1	759.5	850.8	941.8	1032.2	1121.9	3
25					254.1	342.3	435.5	532.0	630.5	730.1	830.1	929.9	1029.4	1128.2	1226.3	4
26					276.2	372.3	473.8	578.9	686.2	794.6	903.5	1012.3	1120.6	1228.3	1335.1	5
27					299.2	403.4	513.6	627.6	744.0	861.7	979.9	1097.9	1215.5	1332.3	1448.3	3
28					323.1	435.8	554.9	678.2	804.1	931.4	1059.2	1186.8	1314.0	1440.3	1565.7	1
29					347.9	469.3	597.7	730.7	866.4	1003.6	1141.4	1279.0	1416.1	1552.3	1687.5	1
30						504.0	642.0	785.0	930.9	1078.4	1226.5	1374.5	1521.9	1668.3	1813.7	0
31						539.9	687.9	841.1	997.6	1155.8	1314.6	1473.2	1631.3	1788.3	1944.1	0
32						577.0	735.2	899.2	1066.5	1235.7	1405.6	1575.3	1744.3	1912.3	2079.0	0
33						615.3	784.1	959.1	1137.7	1318.2	1499.5	1680.6	1861.0	2040.2	2218.1	0
34						654.7	834.6	1020.8	1211.0	1403.3	1596.3	1789.2	1981.3	2172.2	2361.6	0
35							886.5	1084.5	1286.6	1491.0	1696.1	1901.1	2105.3	2308.1	2509.5	0
36							940.0	1150.0	1364.4	1581.2	1798.8	2016.3	2232.9	2448.1	2661.7	0
37							995.0	1217.3	1444.4	1674.0	1904.5	2134.8	2364.1	2592.0	2818.2	0
38							1051.5	1286.6	1526.7	1769.4	2013.1	2256.5	2499.0	2740.0	2979.1	0
39							1109.5	1357.7	1611.1	1867.3	2124.6	2381.6	2637.6	2891.9	3144.4	0
40								1430.7	1697.8	1967.9	2239.0	2510.0	2779.8	3047.9	3314.0	0
41								1505.6	1786.7	2071.0	2356.4	2641.6	2925.6	3207.8	3487.9	0
42								1582.3	1877.9	2176.7	2476.8	2776.5	3075.1	3371.8	3666.2	0
43								1660.9	1971.3	2285.0	2600.0	2914.8	3228.2	3539.7	3848.8	0
44								1741.4	2066.9	2395.9	2726.2	3056.3	3385.0	3711.7	4035.8	0
45									2164.7	2509.3	2855.4	3201.1	3545.4	3887.6	4227.2	0
46									2264.7	2625.4	2987.5	3349.2	3709.5	4067.6	4422.9	0
47									2367.0	2744.0	3122.5	3500.7	3877.3	4251.5	4622.9	0
48									2471.5	2865.2	3260.4	3655.4	4048.7	4439.5	4827.3	0
49									2578.3	2989.0	3401.3	3813.4	4223.7	4631.4	5036.1	0
50									2687.2	3115.3	3545.2	3974.7	4402.4	4827.4	5249.2	0
BASIS TREES	0	0	2	2	8	11	9	10	5	4	2	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
YELLOW PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	1.2	2.1	3.0	4.1	5.2	6.3									0
8	1.3	3.3	5.7	8.3	11.2	14.3	17.4	20.6								1
9	2.2	5.6	9.8	14.6	19.7	25.2	30.8	36.6	42.4							0
10		8.2	14.5	21.6	29.4	37.6	46.1	54.8	63.6							1
11		10.9	19.5	29.2	39.9	51.3	63.0	75.0	87.2	99.5						1
12		13.7	24.8	37.5	51.4	66.2	81.5	97.2	113.2	129.2						1
13		16.7	30.4	46.3	63.7	82.2	101.5	121.3	141.4	161.6	181.8					4
14		19.8	36.3	55.6	76.9	99.5	123.0	147.2	171.7	196.4	221.3					2
15			42.5	65.4	90.8	117.8	145.9	174.9	204.2	233.8	263.5	293.2				1
16			49.0	75.8	105.5	137.2	170.3	204.3	238.9	273.7	308.7	343.6				6
17			55.6	86.6	120.9	157.7	196.1	235.5	275.6	316.1	356.7	397.2	437.7			9
18			62.6	97.9	137.1	179.2	223.2	268.5	314.5	360.9	407.5	454.1	500.5			7
19			69.7	109.6	154.1	201.8	251.8	303.2	355.5	408.3	461.2	514.1	566.8	619.2		17
20				121.8	171.8	225.5	281.7	339.7	398.6	458.0	517.7	577.3	636.7	695.8		9
21				134.5	190.3	250.2	313.1	377.9	443.8	510.3	577.0	643.7	710.2	776.3	841.9	12
22				147.7	209.5	276.0	345.9	417.8	491.1	565.0	639.2	713.3	787.2	860.7	933.7	12
23				161.3	229.5	302.9	380.0	459.5	540.5	622.2	704.2	786.2	867.8	949.0	1029.7	8
24				175.4	250.2	330.9	415.6	503.0	592.0	681.9	772.1	862.2	952.0	1041.2	1129.9	14
25					271.7	359.9	452.6	548.2	645.7	744.0	842.8	941.4	1039.7	1137.4	1234.5	12
26					294.0	390.0	491.0	595.2	701.4	808.7	916.3	1023.9	1131.0	1237.5	1343.4	10
27					317.0	421.2	530.9	644.0	759.4	875.8	992.7	1109.5	1225.9	1341.6	1456.5	13
28					340.9	453.6	572.1	694.6	819.4	945.5	1072.0	1198.4	1324.4	1449.6	1574.0	9
29					365.6	487.0	614.9	747.0	881.6	1017.6	1154.2	1290.6	1426.5	1561.6	1695.7	8
30						521.6	659.1	801.1	946.0	1092.3	1239.2	1385.9	1532.1	1677.5	1821.8	8
31						557.2	704.7	857.1	1012.5	1169.5	1327.1	1484.6	1641.4	1797.4	1952.2	8
32						594.1	751.8	914.9	1081.2	1249.2	1417.9	1586.4	1754.3	1921.2	2086.9	2
33						632.0	800.4	974.5	1152.1	1331.5	1511.6	1691.6	1870.8	2049.0	2225.9	2
34						671.2	850.5	1036.0	1225.2	1416.3	1608.2	1800.0	1990.9	2180.8	2369.3	2
35							902.1	1099.3	1300.4	1503.7	1707.7	1911.6	2114.7	2316.5	2516.9	0
36							955.2	1164.4	1377.9	1593.6	1810.1	2026.5	2242.1	2456.3	2668.9	0
37							1009.7	1231.4	1457.5	1686.1	1915.5	2144.7	2373.1	2600.0	2825.3	0
38							1065.8	1300.2	1539.4	1781.1	2023.7	2266.2	2507.7	2747.7	2986.0	0
39							1123.4	1370.9	1623.5	1878.7	2134.9	2391.0	2646.0	2899.4	3151.0	0
40								1443.5	1709.7	1978.9	2249.0	2519.0	2787.9	3055.1	3320.4	0
41								1517.9	1798.2	2081.6	2366.1	2650.3	2933.4	3214.8	3494.1	0
42								1594.2	1889.0	2186.9	2486.1	2785.0	3082.6	3378.5	3672.2	0
43								1672.4	1981.9	2294.8	2609.0	2922.9	3235.5	3546.2	3854.6	0
44								1752.4	2077.1	2405.3	2734.8	3064.1	3392.0	3717.9	4041.4	0
45									2174.5	2518.4	2863.6	3208.6	3552.2	3893.6	4232.5	0
46									2274.2	2634.1	2995.4	3356.4	3716.0	4073.3	4428.0	0
47									2376.0	2752.3	3130.1	3507.5	3883.4	4257.0	4627.8	0
48									2480.1	2873.1	3267.7	3661.9	4054.5	4444.7	4832.0	0
49									2586.5	2996.6	3408.3	3819.6	4229.3	4636.4	5040.5	0
50									2695.1	3122.6	3551.8	3980.6	4407.7	4832.2	5253.4	0
BASIS TREES	0	0	3	8	13	30	40	35	25	12	7	4	1	0	1	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
YELLOW PINE
SANTA FE-CARSON-LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.2	1.8	2.4	2.9	3.5	4.1									0
8	1.8	3.7	5.6	7.6	9.5	11.4	13.4	15.3								0
9	3.3	7.1	10.9	14.7	18.5	22.3	26.1	29.9	33.7							0
10		11.3	17.4	23.5	29.6	35.7	41.8	47.9	53.9							3
11		16.2	25.0	33.8	42.5	51.3	60.1	68.9	77.7	86.5						1
12		21.7	33.6	45.4	57.2	69.1	80.9	92.8	104.6	116.5						1
13		27.8	43.1	58.3	73.6	88.9	104.1	119.4	134.6	149.9	165.2					4
14		34.5	53.5	72.6	91.6	110.6	129.6	148.6	167.6	186.6	205.6					3
15			64.9	88.0	111.1	134.2	157.3	180.3	203.4	226.5	249.6	272.7				3
16			77.2	104.6	132.1	159.6	187.1	214.6	242.1	269.6	297.1	324.6				7
17			90.3	122.5	154.7	186.9	219.2	251.4	283.6	315.8	348.0	380.2	412.5			11
18			104.3	141.6	178.8	216.1	253.3	290.6	327.8	365.1	402.4	439.6	476.9			7
19			119.2	161.8	204.4	247.0	289.6	332.2	374.9	417.5	460.1	502.7	545.3	587.9		16
20				183.2	231.5	279.8	328.1	376.3	424.6	472.9	521.2	569.5	617.8	666.1		10
21				205.8	260.1	314.3	368.6	422.9	477.1	531.4	585.7	639.9	694.2	748.5	802.8	14
22				229.6	290.1	350.7	411.3	471.8	532.4	592.9	653.5	714.1	774.6	835.2	895.8	15
23				254.5	321.7	388.8	456.0	523.2	590.3	657.5	724.7	791.9	859.0	926.2	993.4	9
24				280.6	354.7	428.8	502.9	576.9	651.0	725.1	799.2	873.3	947.4	1021.5	1095.6	17
25					389.2	470.5	551.8	633.1	714.4	795.8	877.1	958.4	1039.7	1121.0	1202.3	15
26					425.2	514.0	602.9	691.7	780.6	869.4	958.3	1047.1	1136.0	1224.8	1313.7	14
27					462.6	559.3	656.0	752.7	849.4	946.1	1042.8	1139.5	1236.2	1332.9	1429.6	14
28					501.5	606.4	711.3	816.1	921.0	1025.8	1130.7	1235.5	1340.4	1445.2	1550.1	8
29					542.0	655.3	768.6	881.9	995.2	1108.6	1221.9	1335.2	1448.5	1561.8	1675.2	9
30						705.9	828.0	950.1	1072.2	1194.3	1316.4	1438.5	1560.6	1682.7	1804.8	8
31						758.4	889.5	1020.7	1151.9	1283.1	1414.3	1545.4	1676.6	1807.8	1939.0	6
32						812.6	953.1	1093.7	1234.3	1374.9	1515.4	1656.0	1796.6	1937.2	2077.7	2
33						868.6	1018.9	1169.1	1319.4	1469.7	1619.9	1770.2	1920.5	2070.8	2221.0	1
34						926.4	1086.6	1246.9	1407.2	1567.5	1727.8	1888.1	2048.3	2208.6	2368.9	2
35							1156.5	1327.1	1497.7	1668.3	1838.9	2009.5	2180.1	2350.7	2521.3	0
36							1228.5	1409.7	1591.0	1772.2	1953.4	2134.6	2315.9	2497.1	2678.3	0
37							1302.6	1494.7	1686.9	1879.1	2071.2	2263.4	2455.6	2647.7	2839.9	0
38							1378.7	1582.1	1785.5	1988.9	2192.4	2395.8	2599.2	2802.6	3006.0	0
39							1456.9	1671.9	1886.9	2101.8	2316.8	2531.8	2746.7	2961.7	3176.7	0
40								1764.1	1990.9	2217.8	2444.6	2671.4	2898.2	3125.1	3351.9	0
41								1858.7	2097.7	2336.7	2575.7	2814.7	3053.7	3292.7	3531.7	0
42								1955.7	2207.2	2458.6	2710.1	2961.6	3213.1	3464.5	3716.0	0
43								2055.1	2319.3	2583.6	2847.9	3112.1	3376.4	3640.6	3904.9	0
44								2156.8	2434.2	2711.6	2988.9	3266.3	3543.6	3821.0	4098.4	0
45									2551.8	2842.5	3133.3	3424.1	3714.8	4005.6	4296.4	0
46									2672.1	2976.5	3281.0	3585.5	3890.0	4194.5	4498.9	0
47									2795.1	3113.6	3432.1	3750.6	4069.1	4387.6	4706.1	0
48									2920.8	3253.6	3586.4	3919.3	4252.1	4584.9	4917.7	0
49									3049.2	3396.6	3744.1	4091.6	4439.0	4786.5	5134.0	0
50									3180.3	3542.7	3905.1	4267.5	4629.9	4992.4	5354.8	0
BASIS TREES	0	0	5	7	16	36	43	38	28	15	9	2	1	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
YELLOW PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.1	.2	.6	1.0	1.6	2.2	2.8									0
8	.2	.6	1.7	3.3	5.1	7.0	9.1	11.3								0
9	.3	1.1	3.3	6.3	9.8	13.6	17.7	22.0	26.4							0
10		1.7	5.2	9.9	15.5	21.7	28.3	35.1	42.2							2
11		2.3	7.3	14.1	22.1	31.1	40.6	50.5	60.6	70.8						0
12		2.9	9.6	18.8	29.6	41.6	54.4	67.8	81.4	95.2						0
13		3.6	12.2	23.9	37.8	53.3	69.8	87.0	104.6	122.3	140.1					0
14		4.3	14.9	29.4	46.8	66.0	86.6	108.0	129.9	152.1	174.3					2
15			17.8	35.4	56.4	79.8	104.8	130.8	157.5	184.4	211.4	238.3				2
16			20.9	41.8	66.8	94.7	124.4	155.4	187.1	219.2	251.3	283.4				5
17			24.1	48.6	77.9	110.5	145.4	181.7	218.9	256.5	294.2	331.8	369.2			4
18			27.5	55.8	89.6	127.3	167.7	209.7	252.7	296.2	339.8	383.4	426.7			1
19			31.1	63.4	102.0	145.2	191.3	239.4	288.6	338.4	388.3	438.1	487.7	536.8		1
20				71.3	115.1	164.0	216.3	270.8	326.6	383.0	439.6	496.1	552.2	607.9		6
21				79.7	128.9	183.8	242.6	303.8	366.6	430.0	493.7	557.2	620.3	682.9	744.8	4
22				88.5	143.3	204.6	270.2	338.6	408.6	479.5	550.5	621.4	691.9	761.8	830.9	4
23				97.7	158.5	226.4	299.2	375.0	452.7	531.3	610.2	688.8	767.0	844.5	921.3	5
24				107.2	174.3	249.2	329.5	413.2	498.9	585.6	672.6	759.4	845.7	931.2	1015.8	3
25					190.8	273.0	361.1	453.0	547.1	642.3	737.8	833.1	927.8	1021.7	1114.6	4
26					207.9	297.8	394.1	494.5	597.3	701.4	805.8	909.9	1013.4	1116.1	1217.6	5
27					225.8	323.6	428.4	537.7	649.6	762.9	876.5	989.9	1102.6	1214.3	1324.9	3
28					244.3	350.3	464.0	582.5	703.9	826.8	950.1	1073.0	1195.3	1316.4	1436.3	1
29					263.5	378.1	500.9	629.1	760.3	893.1	1026.4	1159.3	1291.4	1422.4	1552.0	1
30						406.9	539.2	677.3	818.7	961.8	1105.4	1248.7	1391.1	1532.2	1671.9	0
31						436.7	578.9	727.2	879.2	1033.0	1187.3	1341.3	1494.2	1645.9	1796.0	0
32						467.4	619.8	778.8	941.7	1106.5	1271.9	1436.9	1600.9	1763.4	1924.3	0
33						499.2	662.1	832.1	1006.3	1182.5	1359.4	1535.8	1711.1	1884.9	2056.9	0
34						532.0	705.8	887.1	1072.9	1260.9	1449.5	1637.7	1824.8	2010.1	2193.6	0
35							750.8	943.8	1141.6	1341.7	1542.5	1742.8	1941.9	2139.3	2334.6	0
36							797.1	1002.2	1212.3	1424.9	1638.3	1851.1	2062.6	2272.3	2479.8	0
37							844.8	1062.2	1285.0	1510.5	1736.8	1962.5	2186.8	2409.1	2629.2	0
38							893.8	1124.0	1359.9	1598.6	1838.1	2077.0	2314.5	2549.8	2782.8	0
39							944.2	1187.5	1436.7	1689.0	1942.2	2194.7	2445.7	2694.4	2940.6	0
40								1252.6	1515.7	1781.9	2049.0	2315.5	2580.4	2842.9	3102.7	0
41								1319.5	1596.7	1877.2	2158.7	2439.5	2718.6	2995.2	3269.0	0
42								1388.0	1679.7	1974.9	2271.1	2566.6	2860.3	3151.3	3439.4	0
43								1458.3	1764.8	2075.0	2386.3	2696.9	3005.5	3311.4	3614.1	0
44								1530.2	1852.0	2177.6	2504.3	2830.3	3154.2	3475.3	3793.1	0
45									1941.2	2282.5	2625.1	2966.8	3306.4	3643.0	3976.2	0
46									2032.4	2389.9	2748.7	3106.5	3462.1	3814.6	4163.5	0
47									2125.8	2499.7	2875.0	3249.4	3621.4	3990.1	4355.1	0
48									2221.2	2612.0	3004.1	3395.3	3784.1	4169.5	4550.9	0
49									2318.6	2726.6	3136.0	3544.5	3950.4	4352.7	4750.9	0
50									2418.1	2843.7	3270.7	3696.8	4120.1	4539.8	4955.1	0
BASIS TREES	0	0	2	2	8	11	9	10	5	4	2	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
YELLOW PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.2	.5	1.0	1.5	2.1	2.7	3.3									0
8	.7	1.6	3.0	4.7	6.5	8.5	10.5	12.6								1
9	1.3	3.0	5.7	8.9	12.5	16.4	20.4	24.5	28.7							0
10		4.5	8.8	13.9	19.7	25.8	32.3	38.9	45.7							1
11		6.2	12.3	19.6	27.9	36.7	46.0	55.6	65.4	75.2						1
12		7.9	15.9	25.8	36.9	48.9	61.4	74.4	87.5	100.8						1
13		9.6	19.8	32.4	46.7	62.1	78.3	95.0	112.0	129.2	146.3					4
14		11.3	23.9	39.5	57.2	76.4	96.6	117.4	138.7	160.1	181.6					2
15			28.0	46.9	68.3	91.7	116.2	141.6	167.5	193.5	219.7	245.8				1
16			32.3	54.6	80.1	107.9	137.2	167.4	198.3	229.4	260.7	291.8				6
17			36.7	62.6	92.5	125.0	159.4	194.9	231.2	267.7	304.4	341.0	377.4			9
18			41.1	71.0	105.4	143.0	182.8	224.0	266.0	308.4	350.9	393.3	435.5			7
19			45.6	79.6	118.9	161.9	207.5	254.7	302.8	351.4	400.2	448.8	497.2	545.2		17
20				88.5	133.0	181.7	233.4	286.9	341.6	396.8	452.1	507.3	562.3	616.8		9
21				97.7	147.6	202.4	260.5	320.8	382.3	444.4	506.8	569.0	630.8	692.2	753.1	12
22				107.1	162.7	223.9	288.8	356.2	425.0	494.4	564.1	633.7	702.8	771.5	839.5	12
23				116.9	178.4	246.3	318.4	393.2	469.6	546.8	624.2	701.4	778.3	854.5	930.1	8
24				126.9	194.7	269.5	349.1	431.7	516.1	601.4	686.9	772.3	857.2	941.4	1024.9	14
25					211.5	293.7	381.1	471.8	564.6	658.4	752.4	846.2	939.5	1032.1	1123.8	12
26					228.9	318.7	414.3	513.6	615.1	717.6	820.5	923.2	1025.3	1126.6	1226.9	10
27					246.9	344.6	448.7	556.9	667.5	779.2	891.4	1003.3	1114.5	1224.9	1334.2	13
28					265.5	371.4	484.4	601.8	721.8	843.2	964.9	1086.4	1207.2	1327.0	1445.7	9
29					284.7	399.2	521.3	648.3	778.1	909.5	1041.2	1172.7	1303.3	1433.0	1561.4	8
30						427.8	559.4	696.4	836.5	978.1	1120.2	1262.0	1402.9	1542.7	1681.2	8
31						457.4	598.9	746.1	896.8	1049.1	1201.9	1354.4	1506.0	1656.3	1805.2	8
32						487.9	639.6	797.5	959.0	1122.4	1286.4	1449.9	1612.5	1773.7	1933.4	2
33						519.3	681.6	850.5	1023.3	1198.2	1373.5	1548.5	1722.5	1895.0	2065.8	2
34						551.7	724.9	905.1	1089.6	1276.2	1463.5	1650.3	1835.9	2020.1	2202.4	2
35							769.4	961.4	1157.9	1356.7	1556.1	1755.1	1952.9	2149.0	2343.2	0
36							815.3	1019.4	1228.3	1439.6	1651.6	1863.1	2073.3	2281.8	2488.2	0
37							862.5	1079.0	1300.6	1524.8	1749.7	1974.2	2197.2	2418.4	2637.4	0
38							911.1	1140.3	1375.0	1612.5	1850.7	2088.4	2324.6	2558.8	2790.8	0
39							960.9	1203.3	1451.4	1702.5	1954.4	2205.7	2455.5	2703.2	2948.3	0
40								1267.9	1529.9	1794.9	2060.9	2326.2	2589.9	2851.3	3110.2	0
41								1334.3	1610.4	1889.8	2170.1	2449.8	2727.8	3003.3	3276.2	0
42								1402.3	1693.0	1987.1	2282.1	2576.5	2869.1	3159.2	3446.4	0
43								1472.0	1777.6	2086.7	2397.0	2706.4	3014.0	3319.0	3620.8	0
44								1543.4	1864.2	2188.8	2514.5	2839.5	3162.4	3482.6	3799.5	0
45									1953.0	2293.4	2634.9	2975.7	3314.3	3650.0	3982.4	0
46									2043.8	2400.3	2758.1	3115.0	3469.7	3821.4	4169.5	0
47									2136.6	2509.7	2884.0	3257.5	3628.6	3996.6	4360.8	0
48									2231.5	2621.5	3012.8	3403.1	3791.1	4175.6	4556.3	0
49									2328.5	2735.7	3144.3	3551.9	3957.0	4358.6	4756.1	0
50									2427.6	2852.4	3278.6	3703.8	4126.4	4545.4	4960.1	0
BASIS TREES	0	0	3	8	13	30	40	35	25	12	7	4	1	0	1	

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
BLACKJACK PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.1															0
2	.2	.2														0
3	.3	.4	.6													0
4	.4	.7	1.0	1.4												0
5	.6	1.1	1.6	2.1	2.6											39
6	.8	1.5	2.2	2.9	3.7	4.4										63
7	1.1	2.0	3.0	4.0	4.9	5.9	6.9									73
8	1.4	2.6	3.9	5.2	6.4	7.7	9.0	10.2								77
9	1.7	3.3	4.9	6.5	8.1	9.7	11.3	12.9	14.5							57
10		4.0	6.0	8.0	10.0	12.0	14.0	15.9	17.9							74
11		4.9	7.3	9.7	12.1	14.5	16.9	19.3	21.7	24.1						51
12		5.8	8.6	11.5	14.4	17.2	20.1	22.9	25.8	28.6						55
13		6.8	10.1	13.5	16.8	20.2	23.5	26.9	30.3	33.6	37.0					30
14		7.9	11.7	15.6	19.5	23.4	27.3	31.2	35.1	39.0	42.8					29
15			13.5	17.9	22.4	26.9	31.3	35.8	40.2	44.7	49.2	53.6				23
16			15.3	20.4	25.5	30.5	35.6	40.7	45.8	50.9	55.9	61.0				19
17			17.3	23.0	28.7	34.5	40.2	45.9	51.7	57.4	63.1	68.9	74.6			13
18			19.4	25.8	32.2	38.6	45.1	51.5	57.9	64.3	70.8	77.2	83.6			23
19			21.6	28.7	35.9	43.0	50.2	57.4	64.5	71.7	78.8	86.0	93.2	100.3		13
20				31.8	39.8	47.7	55.6	63.6	71.5	79.4	87.4	95.3	103.2	111.2		9
21				35.1	43.8	52.6	61.3	70.1	78.8	87.6	96.3	105.0	113.8	122.5	131.3	5
22				38.5	48.1	57.7	67.3	76.9	86.5	96.1	105.7	115.3	124.9	134.5	144.1	12
23				42.1	52.5	63.0	73.5	84.0	94.5	105.0	115.5	126.0	136.5	147.0	157.5	3
24				45.8	57.2	68.6	80.1	91.5	102.9	114.3	125.8	137.2	148.6	160.0	171.5	6
25					62.1	74.5	86.9	99.3	111.7	124.1	136.4	148.8	161.2	173.6	186.0	2
26					67.1	80.5	93.9	107.3	120.8	134.2	147.6	161.0	174.4	187.8	201.2	2
27					72.4	86.8	101.3	115.8	130.2	144.7	159.1	173.6	188.1	202.5	217.0	1
28					77.8	93.4	108.9	124.5	140.0	155.6	171.1	186.7	202.2	217.8	233.3	0
29					83.5	100.2	116.9	133.5	150.2	166.9	183.6	200.3	216.9	233.6	250.3	1
30						107.2	125.0	142.9	160.7	178.6	196.4	214.3	232.2	250.0	267.9	0
31						114.5	133.5	152.6	171.6	190.7	209.8	228.8	247.9	266.9	286.0	0
32						121.9	142.3	162.6	182.9	203.2	223.5	243.8	264.1	284.4	304.7	0
33						129.7	151.3	172.9	194.5	216.1	237.7	259.3	280.9	302.5	324.1	0
34						137.7	160.6	183.5	206.4	229.4	252.3	275.2	298.2	321.1	344.0	0
35							170.2	194.5	218.8	243.1	267.4	291.7	316.0	340.3	364.6	0
36							180.0	205.7	231.4	257.1	282.9	308.6	334.3	360.0	385.7	0
37							190.2	217.3	244.5	271.6	298.8	325.9	353.1	380.2	407.4	0
38							200.6	229.2	257.9	286.5	315.1	343.8	372.4	401.1	429.7	0
39							211.3	241.4	271.6	301.8	331.9	362.1	392.3	422.4	452.6	0
40								254.0	285.7	317.4	349.2	380.9	412.7	444.4	476.1	0
41								266.8	300.2	333.5	366.9	400.2	433.5	466.9	500.2	0
42								280.0	315.0	350.0	385.0	420.0	454.9	489.9	524.9	0
43								293.5	330.2	366.8	403.5	440.2	476.9	513.5	550.2	0
44								307.3	345.7	384.1	422.5	460.9	499.3	537.7	576.1	0
45									361.6	401.7	441.9	482.1	522.2	562.4	602.6	0
46									377.8	419.8	461.8	503.7	545.7	587.7	629.6	0
47									394.4	438.2	482.1	525.9	569.7	613.5	657.3	0
48									411.4	457.1	502.8	548.5	594.2	639.9	685.6	0
49									428.7	476.3	523.9	571.6	619.2	666.8	714.4	0
50									446.4	496.0	545.5	595.1	644.7	694.3	743.9	0
BASIS TREES	1	49	124	194	165	79	44	17	4	2	1	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
BLACKJACK PINE
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.1															0
2	.2	.2														0
3	.3	.4	.6													0
4	.4	.7	1.0	1.3												0
5	.6	1.1	1.6	2.1	2.5											2
6	.8	1.5	2.2	2.9	3.6	4.3										4
7	1.1	2.0	3.0	4.0	4.9	5.9	6.8									5
8	1.3	2.6	3.9	5.1	6.4	7.6	8.9	10.1								6
9	1.7	3.3	4.9	6.5	8.1	9.6	11.2	12.8	14.4							2
10		4.0	6.0	8.0	9.9	11.9	13.8	15.7	17.7							6
11		4.9	7.3	9.6	12.0	14.3	16.7	19.0	21.4	23.7						3
12		5.8	8.6	11.4	14.3	17.0	19.8	22.6	25.4	28.1						6
13		6.8	10.1	13.4	16.7	20.0	23.2	26.5	29.7	33.0	36.2					3
14		7.8	11.7	15.5	19.4	23.1	26.9	30.7	34.4	38.2	41.9					0
15			13.4	17.8	22.2	26.5	30.8	35.1	39.4	43.7	48.0	52.3				2
16			15.3	20.3	25.2	30.2	35.0	39.9	44.8	49.6	54.5	59.3				3
17			17.2	22.9	28.5	34.0	39.5	45.0	50.5	55.9	61.4	66.8	72.2			2
18			19.3	25.6	31.9	38.1	44.2	50.4	56.5	62.6	68.6	74.7	80.7			6
19			21.5	28.5	35.5	42.4	49.2	56.0	62.8	69.5	76.3	83.0	89.7	96.4		3
20				31.6	39.3	46.9	54.5	62.0	69.4	76.9	84.3	91.7	99.1	106.4		2
21				34.8	43.3	51.6	59.9	68.2	76.4	84.5	92.7	100.8	108.9	116.9	124.9	1
22				38.1	47.4	56.6	65.7	74.7	83.6	92.5	101.4	110.3	119.1	127.8	136.5	1
23				41.7	51.8	61.8	71.7	81.5	91.2	100.9	110.5	120.1	129.7	139.2	148.6	0
24				45.3	56.4	67.2	77.9	88.5	99.0	109.5	120.0	130.3	140.7	150.9	161.1	0
25					61.1	72.8	84.4	95.8	107.2	118.5	129.7	140.9	152.0	163.1	174.0	0
26					66.0	78.7	91.1	103.4	115.6	127.8	139.9	151.8	163.8	175.6	187.3	0
27					71.1	84.7	98.1	111.3	124.4	137.4	150.3	163.1	175.9	188.5	201.0	0
28					76.4	91.0	105.3	119.4	133.4	147.2	161.0	174.7	188.3	201.8	215.1	0
29					81.9	97.4	112.7	127.7	142.6	157.4	172.1	186.6	201.1	215.4	229.5	0
30						104.1	120.3	136.3	152.2	167.9	183.4	198.9	214.2	229.3	244.3	0
31						111.0	128.2	145.2	162.0	178.6	195.1	211.4	227.6	243.6	259.4	0
32						118.1	136.3	154.3	172.0	189.6	207.0	224.2	241.3	258.1	274.8	0
33						125.4	144.7	163.6	182.4	200.9	219.2	237.3	255.3	273.0	290.5	0
34						132.8	153.2	173.2	192.9	212.4	231.7	250.7	269.6	288.1	306.5	0
35							162.0	183.0	203.7	224.2	244.4	264.4	284.1	303.5	322.7	0
36							170.9	193.0	214.7	236.2	257.3	278.2	298.9	319.2	339.2	0
37							180.1	203.2	226.0	248.4	270.5	292.4	313.9	335.1	355.9	0
38							189.5	213.7	237.5	260.9	283.9	306.7	329.1	351.2	372.8	0
39							199.1	224.4	249.1	273.5	297.6	321.3	344.6	367.5	390.0	0
40								235.2	261.0	286.4	311.4	336.0	360.2	384.0	407.3	0
41								246.3	273.1	299.5	325.4	351.0	376.0	400.6	424.7	0
42								257.5	285.4	312.8	339.7	366.1	392.0	417.4	442.3	0
43								268.9	297.8	326.2	354.0	381.4	408.2	434.4	460.0	0
44								280.6	310.5	339.8	368.6	396.8	424.4	451.5	477.8	0
45									323.3	353.6	383.3	412.4	440.8	468.6	495.8	0
46									336.3	367.5	398.1	428.1	457.4	485.9	513.7	0
47									349.4	381.6	413.1	443.9	474.0	503.3	531.8	0
48									362.7	395.8	428.2	459.8	490.7	520.7	549.9	0
49									376.1	410.2	443.4	475.8	507.4	538.2	568.0	0
50									389.6	424.6	458.7	491.9	524.3	555.6	586.1	0
BASIS TREES	0	1	12	19	10	8	7	0	0	0	0	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
BLACKJACK PINE
COCONINO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.1															0
2	.2	.2														0
3	.3	.4	.6													0
4	.4	.7	1.0	1.4												0
5	.6	1.1	1.6	2.1	2.6											15
6	.8	1.5	2.2	2.9	3.7	4.4										26
7	1.1	2.0	3.0	4.0	4.9	5.9	6.9									34
8	1.4	2.6	3.9	5.2	6.4	7.7	9.0	10.2								34
9	1.7	3.3	4.9	6.5	8.1	9.7	11.3	12.9	14.5							28
10		4.0	6.0	8.0	10.0	12.0	13.9	15.9	17.9							34
11		4.9	7.3	9.7	12.1	14.5	16.9	19.2	21.6	24.0						17
12		5.8	8.6	11.5	14.4	17.2	20.0	22.9	25.7	28.5						26
13		6.8	10.1	13.5	16.8	20.2	23.5	26.8	30.1	33.4	36.7					11
14		7.9	11.7	15.6	19.5	23.4	27.3	31.1	34.9	38.7	42.5					16
15			13.5	17.9	22.4	26.8	31.3	35.7	40.1	44.4	48.7	52.9				11
16			15.3	20.4	25.5	30.5	35.6	40.6	45.6	50.5	55.4	60.2				10
17			17.3	23.0	28.7	34.4	40.1	45.8	51.4	57.0	62.4	67.8	73.1			5
18			19.4	25.8	32.2	38.6	45.0	51.3	57.6	63.8	69.9	75.9	81.8			6
19			21.6	28.7	35.9	43.0	50.1	57.2	64.2	71.1	77.8	84.5	91.0	97.4		8
20				31.8	39.7	47.6	55.5	63.3	71.0	78.7	86.1	93.5	100.6	107.7		4
21				35.1	43.8	52.5	61.2	69.8	78.3	86.7	94.9	102.9	110.7	118.4	126.1	3
22				38.5	48.0	57.6	67.1	76.5	85.9	95.0	104.0	112.7	121.3	129.6	138.0	7
23				42.0	52.5	62.9	73.3	83.6	93.8	103.8	113.5	123.0	132.2	141.3	150.3	1
24				45.8	57.2	68.5	79.8	91.0	102.1	112.9	123.5	133.7	143.6	153.4	163.1	4
25					62.0	74.3	86.6	98.7	110.7	122.4	133.8	144.8	155.5	166.0	176.3	2
26					67.1	80.4	93.6	106.8	119.7	132.3	144.5	156.3	167.8	178.9	190.0	1
27					72.3	86.7	100.9	115.1	129.0	142.5	155.6	168.2	180.4	192.3	204.1	1
28					77.7	93.2	108.5	123.7	138.6	153.1	167.1	180.6	193.5	206.1	218.6	0
29					83.4	99.9	116.4	132.6	148.6	164.1	179.0	193.3	207.0	220.4	233.5	2
30						106.9	124.5	141.9	158.9	175.4	191.3	206.4	220.9	235.0	248.8	0
31						114.2	132.9	151.5	169.6	187.1	203.9	219.9	235.2	250.0	264.5	0
32						121.6	141.6	161.3	180.6	199.2	216.9	233.8	249.9	265.3	280.5	0
33						129.3	150.6	171.5	191.9	211.6	230.3	248.1	264.9	281.1	296.9	0
34						137.3	159.8	181.9	203.6	224.3	244.1	262.7	280.3	297.2	313.6	0
35							169.3	192.7	215.5	237.5	258.2	277.7	296.1	313.6	330.7	0
36							179.0	203.8	227.9	250.9	272.7	293.1	312.2	330.4	348.1	0
37							189.1	215.2	240.5	264.7	287.5	308.8	328.6	347.4	365.8	0
38							199.4	226.9	253.5	278.9	302.7	324.8	345.4	364.8	383.7	0
39							209.9	238.8	266.8	293.4	318.3	341.2	362.5	382.5	401.9	0
40								251.1	280.4	308.3	334.2	358.0	379.9	400.5	420.4	0
41								263.7	294.4	323.4	350.4	375.0	397.6	418.8	439.1	0
42								276.6	308.7	339.0	366.9	392.4	415.7	437.3	458.1	0
43								289.7	323.3	354.8	383.8	410.1	434.0	456.1	477.3	0
44								303.2	338.2	371.0	401.1	428.1	452.6	475.1	496.6	0
45									353.4	387.5	418.6	446.5	471.4	494.3	516.2	0
46									368.9	404.3	436.5	465.1	490.5	513.8	535.9	0
47									384.8	421.5	454.6	484.0	509.9	533.5	555.8	0
48									401.0	438.9	473.1	503.2	529.6	553.3	575.8	0
49									417.5	456.7	491.9	522.7	549.4	573.4	596.0	0
50									434.2	474.8	511.0	542.4	569.5	593.6	616.2	0
BASIS TREES	1	27	63	89	60	37	19	7	1	2	0	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
BLACKJACK PINE
TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.1															0
2	.2	.2														0
3	.3	.4	.6													0
4	.4	.7	1.0	1.4												0
5	.6	1.1	1.6	2.1	2.6											22
6	.8	1.5	2.2	2.9	3.7	4.4										33
7	1.1	2.0	3.0	4.0	4.9	5.9	6.9									35
8	1.3	2.6	3.9	5.2	6.4	7.7	9.0	10.2								39
9	1.7	3.3	4.9	6.5	8.1	9.7	11.3	12.9	14.5							31
10		4.0	6.0	8.0	10.0	12.0	14.0	15.9	17.9							43
11		4.9	7.3	9.7	12.1	14.5	16.9	19.3	21.7	24.1						35
12		5.8	8.6	11.5	14.3	17.2	20.0	22.9	25.7	28.6						28
13		6.8	10.1	13.5	16.8	20.2	23.5	26.8	30.2	33.5	36.9					23
14		7.8	11.7	15.6	19.5	23.4	27.2	31.1	35.0	38.8	42.7					18
15			13.4	17.9	22.3	26.8	31.2	35.7	40.1	44.5	49.0	53.4				16
16			15.3	20.3	25.4	30.4	35.5	40.5	45.6	50.6	55.6	60.7				8
17			17.2	22.9	28.6	34.3	40.0	45.7	51.4	57.1	62.7	68.4	74.1			10
18			19.3	25.7	32.0	38.4	44.8	51.1	57.5	63.8	70.2	76.5	82.8			15
19			21.5	28.6	35.7	42.7	49.8	56.9	63.9	71.0	78.0	85.1	92.1	99.1		7
20				31.6	39.4	47.3	55.1	62.9	70.7	78.5	86.2	94.0	101.7	109.4		4
21				34.8	43.4	52.0	60.6	69.2	77.7	86.3	94.8	103.3	111.8	120.2	128.7	3
22				38.1	47.6	57.0	66.4	75.7	85.1	94.4	103.7	112.9	122.2	131.4	140.6	5
23				41.6	51.9	62.1	72.3	82.5	92.7	102.8	112.9	122.9	133.0	143.0	152.9	2
24				45.2	56.3	67.5	78.5	89.6	100.6	111.5	122.4	133.3	144.1	154.9	165.6	2
25					61.0	73.0	85.0	96.9	108.7	120.5	132.2	143.9	155.5	167.1	178.6	0
26					65.8	78.7	91.6	104.4	117.1	129.8	142.3	154.8	167.3	179.7	192.0	1
27					70.8	84.6	98.4	112.1	125.7	139.3	152.7	166.1	179.4	192.5	205.7	0
28					75.9	90.8	105.5	120.1	134.6	149.1	163.4	177.6	191.7	205.7	219.6	0
29					81.2	97.0	112.8	128.3	143.8	159.1	174.3	189.4	204.4	219.2	233.9	0
30						103.5	120.2	136.8	153.2	169.4	185.5	201.5	217.3	233.0	248.5	0
31						110.2	127.9	145.4	162.8	180.0	197.0	213.9	230.5	247.0	263.4	0
32						117.0	135.8	154.3	172.7	190.8	208.7	226.5	244.0	261.4	278.5	0
33						124.1	143.9	163.4	182.8	201.9	220.7	239.4	257.8	276.0	294.0	0
34						131.3	152.2	172.8	193.1	213.2	233.0	252.6	271.8	290.9	309.7	0
35							160.7	182.3	203.7	224.7	245.5	266.0	286.1	306.0	325.6	0
36							169.3	192.1	214.5	236.5	258.3	279.6	300.7	321.4	341.8	0
37							178.2	202.0	225.5	248.6	271.2	293.5	315.5	337.1	358.3	0
38							187.3	212.2	236.7	260.8	284.4	307.7	330.5	352.9	375.0	0
39							196.5	222.6	248.1	273.2	297.9	322.0	345.8	369.0	391.8	0
40								233.1	259.8	285.9	311.5	336.6	361.2	385.3	408.9	0
41								243.9	271.6	298.8	325.3	351.4	376.8	401.8	426.2	0
42								254.8	283.6	311.8	339.4	366.3	392.6	418.4	443.6	0
43								265.9	295.8	325.0	353.5	381.4	408.6	435.2	461.1	0
44								277.1	308.1	338.4	367.9	396.7	424.7	452.1	478.8	0
45									320.7	351.9	382.4	412.1	441.0	469.1	496.5	0
46									333.3	365.6	397.1	427.6	457.4	486.3	514.4	0
47									346.1	379.5	411.8	443.3	473.8	503.5	532.3	0
48									359.1	393.4	426.7	459.1	490.4	520.8	550.2	0
49									372.2	407.5	441.8	474.9	507.0	538.1	568.2	0
50									385.4	421.7	456.9	490.9	523.7	555.5	586.2	0
BASIS TREES	0	21	51	92	124	52	21	12	6	0	1	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
BLACKJACK PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.4	.7	.9	1.2	1.5											39
6	.6	1.1	1.7	2.2	2.8	3.4										63
7	.8	1.6	2.5	3.3	4.2	5.0	5.9									73
8	1.0	2.2	3.4	4.5	5.7	6.9	8.0	9.2								77
9	1.3	2.8	4.3	5.9	7.4	8.9	10.4	11.9	13.5							57
10		3.5	5.4	7.3	9.2	11.1	13.0	15.0	16.9							74
11		4.2	6.6	8.9	11.2	13.6	15.9	18.2	20.6	22.9						51
12		5.0	7.8	10.6	13.4	16.2	19.0	21.8	24.6	27.4						55
13		5.9	9.2	12.5	15.8	19.1	22.4	25.7	29.0	32.3	35.6					30
14		6.8	10.7	14.5	18.4	22.2	26.1	29.9	33.7	37.6	41.4					29
15			12.3	16.7	21.1	25.5	30.0	34.4	38.8	43.2	47.6	52.1				23
16			13.9	19.0	24.0	29.1	34.1	39.2	44.2	49.2	54.3	59.3				19
17			15.7	21.4	27.1	32.8	38.5	44.2	49.9	55.6	61.3	67.0	72.7			13
18			17.6	24.0	30.4	36.8	43.2	49.6	56.0	62.4	68.8	75.2	81.6			23
19			19.7	26.8	33.9	41.1	48.2	55.3	62.4	69.6	76.7	83.8	91.0	98.1		13
20				29.7	37.6	45.5	53.4	61.3	69.2	77.1	85.0	92.9	100.9	108.8		9
21				32.7	41.4	50.2	58.9	67.6	76.3	85.1	93.8	102.5	111.2	119.9	128.7	5
22				35.9	45.5	55.1	64.6	74.2	83.8	93.4	102.9	112.5	122.1	131.7	141.3	12
23				39.2	49.7	60.2	70.6	81.1	91.6	102.1	112.5	123.0	133.5	144.0	154.4	3
24				42.7	54.1	65.5	76.9	88.3	99.7	111.1	122.6	134.0	145.4	156.8	168.2	6
25					58.7	71.1	83.5	95.9	108.2	120.6	133.0	145.4	157.7	170.1	182.5	2
26					63.5	76.9	90.3	103.7	117.1	130.5	143.9	157.2	170.6	184.0	197.4	2
27					68.5	82.9	97.4	111.8	126.3	140.7	155.1	169.6	184.0	198.5	212.9	1
28					73.6	89.2	104.7	120.2	135.8	151.3	166.9	182.4	197.9	213.5	229.0	0
29					79.0	95.7	112.3	129.0	145.7	162.3	179.0	195.7	212.3	229.0	245.7	1
30						102.4	120.2	138.0	155.9	173.7	191.6	209.4	227.2	245.1	262.9	0
31						109.3	128.3	147.4	166.4	185.5	204.5	223.6	242.6	261.7	280.7	0
32						116.5	136.8	157.1	177.4	197.7	218.0	238.3	258.5	278.8	299.1	0
33						123.8	145.4	167.0	188.6	210.2	231.8	253.4	275.0	296.6	318.1	0
34						131.5	154.4	177.3	200.2	223.1	246.1	269.0	291.9	314.8	337.7	0
35							163.6	187.9	212.2	236.5	260.7	285.0	309.3	333.6	357.9	0
36							173.1	198.8	224.5	250.2	275.9	301.5	327.2	352.9	378.6	0
37							182.8	210.0	237.1	264.2	291.4	318.5	345.7	372.8	400.0	0
38							192.8	221.5	250.1	278.7	307.4	336.0	364.6	393.2	421.9	0
39							203.1	233.3	263.4	293.6	323.7	353.9	384.1	414.2	444.4	0
40								245.4	277.1	308.8	340.6	372.3	404.0	435.7	467.5	0
41								257.8	291.1	324.5	357.8	391.1	424.5	457.8	491.1	0
42								270.5	305.5	340.5	375.5	410.4	445.4	480.4	515.4	0
43								283.5	320.2	356.9	393.5	430.2	466.9	503.5	540.2	0
44								296.9	335.3	373.7	412.1	450.5	488.8	527.2	565.6	0
45									350.7	390.8	431.0	471.2	511.3	551.5	591.6	0
46									366.4	408.4	450.4	492.3	534.3	576.3	618.2	0
47									382.5	426.3	470.2	514.0	557.8	601.6	645.4	0
48									399.0	444.7	490.4	536.1	581.8	627.5	673.1	0
49									415.8	463.4	511.0	558.6	606.3	653.9	701.5	0
50									432.9	482.5	532.1	581.7	631.2	680.8	730.4	0
BASIS TREES	1	49	124	194	165	79	44	17	4	2	1	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
BLACKJACK PINE
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.4	.6	.9	1.2	1.5											2
6	.6	1.1	1.7	2.2	2.8	3.3										4
7	.8	1.6	2.5	3.3	4.2	5.0	5.8									5
8	1.0	2.2	3.4	4.5	5.7	6.8	8.0	9.1								6
9	1.3	2.8	4.3	5.8	7.3	8.8	10.3	11.8	13.3							2
10		3.5	5.4	7.3	9.2	11.0	12.9	14.8	16.6							6
11		4.2	6.5	8.9	11.2	13.4	15.7	18.0	20.3	22.5						3
12		5.0	7.8	10.6	13.3	16.1	18.8	21.5	24.2	26.9						6
13		5.9	9.2	12.4	15.7	18.9	22.1	25.3	28.5	31.7	34.9					3
14		6.8	10.6	14.4	18.2	21.9	25.7	29.4	33.1	36.8	40.5					0
15			12.2	16.6	20.9	25.2	29.5	33.7	38.0	42.2	46.5	50.7				2
16			13.9	18.9	23.8	28.7	33.5	38.4	43.2	48.0	52.8	57.6				3
17			15.7	21.3	26.9	32.4	37.9	43.3	48.7	54.2	59.6	65.0	70.3			2
18			17.6	23.9	30.1	36.3	42.4	48.5	54.6	60.6	66.7	72.7	78.7			6
19			19.6	26.6	33.5	40.4	47.2	54.0	60.7	67.4	74.1	80.8	87.5	94.1		3
20				29.4	37.1	44.7	52.2	59.7	67.2	74.6	82.0	89.3	96.7	104.0		2
21				32.4	40.9	49.3	57.5	65.7	73.9	82.0	90.1	98.2	106.3	114.3	122.3	1
22				35.6	44.9	54.0	63.0	72.0	80.9	89.8	98.7	107.5	116.3	125.0	133.7	1
23				38.9	49.0	59.0	68.8	78.6	88.3	97.9	107.6	117.1	126.7	136.2	145.6	0
24				42.3	53.3	64.1	74.8	85.4	95.9	106.4	116.8	127.1	137.4	147.7	157.9	0
25					57.8	69.5	81.0	92.4	103.8	115.1	126.3	137.5	148.6	159.7	170.6	0
26					62.4	75.0	87.5	99.8	112.0	124.1	136.2	148.2	160.1	172.0	183.8	0
27					67.2	80.8	94.2	107.4	120.4	133.5	146.4	159.2	172.0	184.7	197.3	0
28					72.2	86.8	101.1	115.2	129.2	143.1	156.9	170.6	184.3	197.8	211.3	0
29					77.4	93.0	108.2	123.3	138.2	153.0	167.7	182.3	196.9	211.3	225.6	0
30						99.3	115.6	131.6	147.5	163.2	178.8	194.4	209.8	225.1	240.3	0
31						105.9	123.2	140.2	157.0	173.7	190.3	206.7	223.1	239.3	255.4	0
32						112.7	131.0	149.0	166.8	184.4	202.0	219.4	236.7	253.8	270.8	0
33						119.6	139.0	158.0	176.8	195.5	214.0	232.4	250.6	268.6	286.6	0
34						126.8	147.2	167.3	187.1	206.8	226.3	245.6	264.8	283.8	302.7	0
35							155.6	176.8	197.6	218.3	238.8	259.2	279.3	299.3	319.1	0
36							164.3	186.5	208.4	230.1	251.7	273.0	294.2	315.1	335.9	0
37							173.1	196.4	219.4	242.2	264.8	287.1	309.3	331.3	353.0	0
38							182.2	206.6	230.7	254.5	278.1	301.5	324.7	347.7	370.4	0
39							191.4	217.0	242.1	267.1	291.7	316.2	340.4	364.4	388.1	0
40								227.6	253.8	279.8	305.6	331.1	356.4	381.4	406.2	0
41								238.4	265.8	292.9	319.7	346.3	372.6	398.7	424.5	0
42								249.4	277.9	306.1	334.1	361.7	389.2	416.3	443.1	0
43								260.6	290.3	319.6	348.7	377.4	405.9	434.1	462.1	0
44								272.0	302.8	333.3	363.5	393.4	423.0	452.3	481.3	0
45									315.6	347.2	378.5	409.6	440.3	470.7	500.8	0
46									328.6	361.4	393.8	426.0	457.8	489.4	520.6	0
47									341.8	375.7	409.3	442.7	475.6	508.3	540.7	0
48									355.2	390.3	425.1	459.6	493.7	527.5	561.0	0
49									368.7	405.1	441.0	476.7	512.0	547.0	581.7	0
50									382.5	420.0	457.2	494.1	530.6	566.8	602.6	0
BASIS TREES	0	1	12	19	10	8	7	0	0	0	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
BLACKJACK PINE
COCONINO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.4	.7	.9	1.2	1.5											15
6	.6	1.1	1.7	2.2	2.8	3.4										26
7	.8	1.6	2.5	3.3	4.2	5.0	5.9									34
8	1.0	2.2	3.4	4.5	5.7	6.9	8.0	9.2								34
9	1.3	2.8	4.3	5.9	7.4	8.9	10.4	11.9	13.4							28
10		3.5	5.4	7.3	9.2	11.1	13.0	14.9	16.8							34
11		4.2	6.6	8.9	11.2	13.6	15.9	18.2	20.5	22.8						17
12		5.0	7.8	10.6	13.4	16.2	19.0	21.8	24.5	27.3						26
13		5.9	9.2	12.5	15.8	19.1	22.4	25.7	28.9	32.1	35.3					11
14		6.8	10.7	14.5	18.4	22.2	26.0	29.8	33.6	37.3	41.1					16
15			12.3	16.7	21.1	25.5	29.9	34.3	38.6	42.9	47.2	51.4				11
16			13.9	19.0	24.0	29.0	34.1	39.0	44.0	48.9	53.7	58.5				10
17			15.7	21.4	27.1	32.8	38.5	44.1	49.7	55.2	60.6	66.0	71.2			5
18			17.6	24.0	30.4	36.8	43.1	49.5	55.7	61.9	68.0	73.9	79.8			6
19			19.6	26.8	33.9	41.0	48.1	55.1	62.1	68.9	75.7	82.3	88.8	95.2		8
20				29.7	37.6	45.4	53.3	61.1	68.8	76.4	83.8	91.1	98.2	105.3		4
21				32.7	41.4	50.1	58.7	67.3	75.8	84.2	92.3	100.3	108.1	115.8	123.5	3
22				35.9	45.4	55.0	64.5	73.9	83.2	92.3	101.2	110.0	118.5	126.8	135.1	7
23				39.2	49.7	60.1	70.4	80.7	90.9	100.8	110.6	120.0	129.2	138.3	147.3	1
24				42.7	54.1	65.4	76.7	87.9	98.9	109.7	120.3	130.5	140.4	150.2	159.9	4
25					58.7	71.0	83.2	95.3	107.3	119.0	130.3	141.3	152.0	162.5	172.9	2
26					63.4	76.7	90.0	103.1	116.0	128.6	140.8	152.6	164.1	175.3	186.4	1
27					68.4	82.8	97.0	111.1	125.0	138.6	151.7	164.3	176.5	188.5	200.3	1
28					73.6	89.0	104.3	119.5	134.4	148.9	162.9	176.4	189.4	202.1	214.7	0
29					78.9	95.4	111.9	128.1	144.1	159.6	174.5	188.9	202.7	216.1	229.4	2
30						102.1	119.7	137.1	154.1	170.6	186.5	201.7	216.4	230.6	244.6	0
31						109.0	127.8	146.3	164.4	182.0	198.9	215.0	230.4	245.4	260.2	0
32						116.1	136.1	155.8	175.1	193.7	211.6	228.6	244.9	260.7	276.2	0
33						123.5	144.7	165.7	186.1	205.8	224.7	242.6	259.7	276.3	292.6	0
34						131.1	153.6	175.8	197.4	218.3	238.2	257.0	275.0	292.3	309.4	0
35							162.7	186.2	209.1	231.1	252.0	271.8	290.6	308.7	326.5	0
36							172.1	196.9	221.0	244.2	266.2	287.0	306.6	325.5	344.1	0
37							181.7	207.9	233.3	257.7	280.8	302.5	323.0	342.6	362.0	0
38							191.7	219.2	245.9	271.5	295.7	318.4	339.7	360.2	380.3	0
39							201.8	230.8	258.9	285.7	311.0	334.6	356.8	378.0	398.9	0
40								242.7	272.1	300.2	326.7	351.2	374.3	396.3	417.9	0
41								254.8	285.7	315.1	342.6	368.2	392.1	414.9	437.2	0
42								267.3	299.6	330.3	359.0	385.6	410.3	433.9	456.9	0
43								280.0	313.8	345.8	375.7	403.2	428.8	453.2	477.0	0
44								293.1	328.3	361.7	392.7	421.3	447.7	472.8	497.4	0
45									343.2	377.9	410.1	439.7	467.0	492.8	518.2	0
46									358.3	394.5	427.9	458.4	486.6	513.2	539.2	0
47									373.8	411.4	446.0	477.5	506.5	533.9	560.7	0
48									389.6	428.6	464.4	497.0	526.8	554.9	582.5	0
49									405.7	446.1	483.2	516.8	547.4	576.3	604.6	0
50									422.1	464.0	502.3	536.9	568.4	598.0	627.0	0
BASIS TREES	1	27	63	89	60	37	19	7	1	2	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
BLACKJACK PINE
TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.4	.7	.9	1.2	1.5											22
6	.6	1.1	1.7	2.2	2.8	3.4										33
7	.8	1.6	2.5	3.3	4.2	5.0	5.9									35
8	1.0	2.2	3.4	4.5	5.7	6.9	8.0	9.2								39
9	1.3	2.8	4.3	5.8	7.4	8.9	10.4	11.9	13.4							31
10		3.5	5.4	7.3	9.2	11.1	13.0	14.9	16.8							43
11		4.2	6.6	8.9	11.2	13.6	15.9	18.2	20.6	22.9						35
12		5.0	7.8	10.6	13.4	16.2	19.0	21.8	24.6	27.4						28
13		5.9	9.2	12.5	15.8	19.1	22.4	25.7	29.0	32.2	35.5					23
14		6.8	10.7	14.5	18.3	22.2	26.0	29.8	33.6	37.5	41.3					16
15			12.2	16.6	21.0	25.5	29.9	34.3	38.7	43.1	47.4	51.8				16
16			13.9	18.9	23.9	29.0	34.0	39.0	44.0	49.0	54.0	59.0				8
17			15.7	21.4	27.0	32.7	38.3	44.0	49.6	55.3	60.9	66.6	72.2			10
18			17.6	23.9	30.3	36.6	43.0	49.3	55.6	61.9	68.2	74.5	80.8			15
19			19.6	26.6	33.7	40.8	47.8	54.8	61.9	68.9	75.9	82.9	89.9	96.9		7
20				29.5	37.3	45.1	52.9	60.7	68.4	76.2	83.9	91.6	99.3	107.0		4
21				32.4	41.0	49.6	58.2	66.7	75.3	83.8	92.3	100.7	109.2	117.6	126.1	3
22				35.5	45.0	54.4	63.7	73.1	82.4	91.7	100.9	110.2	119.4	128.6	137.8	5
23				38.8	49.0	59.3	69.5	79.6	89.8	99.9	109.9	120.0	130.0	139.9	149.9	2
24				42.1	53.3	64.4	75.4	86.4	97.4	108.3	119.2	130.1	140.9	151.6	162.4	2
25					57.7	69.7	81.6	93.5	105.3	117.1	128.8	140.5	152.1	163.7	175.2	0
26					62.2	75.1	88.0	100.7	113.4	126.1	138.7	151.2	163.6	176.0	188.4	1
27					66.9	80.8	94.5	108.2	121.8	135.3	148.8	162.2	175.5	188.7	201.9	0
28					71.8	86.6	101.3	115.9	130.5	144.9	159.2	173.5	187.6	201.7	215.7	0
29					76.8	92.6	108.3	123.9	139.3	154.7	169.9	185.0	200.1	215.0	229.9	0
30						98.8	115.5	132.0	148.4	164.7	180.9	196.9	212.8	228.6	244.3	0
31						105.1	122.8	140.4	157.8	175.0	192.1	209.1	225.9	242.6	259.2	0
32						111.7	130.4	149.0	167.4	185.6	203.7	221.6	239.3	256.9	274.3	0
33						118.4	138.2	157.8	177.2	196.4	215.5	234.3	253.0	271.5	289.8	0
34						125.3	146.2	166.9	187.3	207.5	227.6	247.4	267.0	286.4	305.7	0
35							154.4	176.1	197.6	218.9	239.9	260.7	281.3	301.7	321.8	0
36							162.7	185.6	208.2	230.5	252.5	274.3	295.9	317.2	338.3	0
37							171.3	195.3	219.0	242.3	265.4	288.2	310.8	333.1	355.2	0
38							180.0	205.2	230.0	254.4	278.6	302.4	326.0	349.3	372.3	0
39							189.0	215.3	241.2	266.8	292.0	316.9	341.5	365.8	389.8	0
40								225.6	252.7	279.4	305.7	331.6	357.3	382.6	407.7	0
41								236.1	264.4	292.2	319.6	346.7	373.4	399.7	425.8	0
42								246.8	276.3	305.2	333.8	361.9	389.7	417.1	444.2	0
43								257.7	288.4	318.5	348.2	377.5	406.3	434.8	463.0	0
44								268.8	300.7	332.0	362.9	393.3	423.2	452.8	482.1	0
45									313.2	345.7	377.8	409.3	440.4	471.1	501.4	0
46									325.9	359.7	392.9	425.6	457.8	489.7	521.1	0
47									338.8	373.8	408.2	442.1	475.5	508.5	541.1	0
48									351.9	388.2	423.8	458.9	493.5	527.6	561.3	0
49									365.2	402.7	439.6	475.9	511.7	547.0	581.9	0
50									378.7	417.5	455.6	493.2	530.1	566.6	602.7	0
BASIS TREES	0	21	51	92	124	52	21	12	6	0	1	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
BLACKJACK PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	1.0	1.6	2.1	2.7	3.3	3.8									73
8	.8	1.7	2.6	3.6	4.5	5.4	6.3	7.3								77
9	1.1	2.4	3.7	5.0	6.4	7.7	9.0	10.3	11.6							57
10		3.1	4.9	6.6	8.4	10.1	11.8	13.6	15.3							74
11		3.9	6.1	8.3	10.5	12.7	14.9	17.0	19.2	21.4						51
12		4.8	7.4	10.1	12.8	15.4	18.1	20.8	23.4	26.1						55
13		5.7	8.9	12.0	15.2	18.4	21.6	24.8	28.0	31.2	34.3					30
14		6.6	10.4	14.1	17.8	21.6	25.3	29.1	32.8	36.5	40.3					29
15			12.0	16.3	20.6	25.0	29.3	33.6	38.0	42.3	46.6	50.9				23
16			13.7	18.6	23.6	28.6	33.5	38.5	43.4	48.4	53.3	58.3				19
17			15.5	21.1	26.8	32.4	38.0	43.6	49.2	54.9	60.5	66.1	71.7			13
18			17.4	23.8	30.1	36.4	42.7	49.1	55.4	61.7	68.0	74.4	80.7			23
19			19.5	26.5	33.6	40.7	47.7	54.8	61.9	68.9	76.0	83.1	90.1	97.2		13
20				29.4	37.3	45.1	53.0	60.8	68.7	76.5	84.4	92.2	100.1	107.9		9
21				32.5	41.2	49.8	58.5	67.2	75.8	84.5	93.2	101.8	110.5	119.2	127.8	5
22				35.7	45.2	54.7	64.3	73.8	83.3	92.8	102.4	111.9	121.4	130.9	140.5	12
23				39.0	49.5	59.9	70.3	80.7	91.1	101.6	112.0	122.4	132.8	143.3	153.7	3
24				42.5	53.9	65.2	76.6	88.0	99.3	110.7	122.0	133.4	144.8	156.1	167.5	6
25					58.5	70.8	83.2	95.5	107.8	120.2	132.5	144.8	157.2	169.5	181.8	2
26					63.3	76.7	90.0	103.4	116.7	130.0	143.4	156.7	170.1	183.4	196.8	2
27					68.3	82.7	97.1	111.5	125.9	140.3	154.7	169.1	183.5	197.9	212.3	1
28					73.5	89.0	104.5	120.0	135.5	150.9	166.4	181.9	197.4	212.9	228.4	0
29					78.8	95.4	112.1	128.7	145.3	162.0	178.6	195.2	211.9	228.5	245.1	1
30						102.2	120.0	137.8	155.6	173.4	191.2	209.0	226.8	244.6	262.4	0
31						109.1	128.1	147.1	166.2	185.2	204.2	223.2	242.2	261.2	280.3	0
32						116.3	136.5	156.8	177.1	197.4	217.6	237.9	258.2	278.4	298.7	0
33						123.7	145.2	166.8	188.4	209.9	231.5	253.0	274.6	296.1	317.7	0
34						131.3	154.2	177.1	200.0	222.9	245.7	268.6	291.5	314.4	337.3	0
35							163.4	187.7	211.9	236.2	260.4	284.7	309.0	333.2	357.5	0
36							172.9	198.6	224.2	249.9	275.6	301.2	326.9	352.6	378.3	0
37							182.6	209.8	236.9	264.0	291.1	318.2	345.4	372.5	399.6	0
38							192.7	221.3	249.9	278.5	307.1	335.7	364.3	392.9	421.5	0
39							202.9	233.1	263.2	293.4	323.5	353.6	383.8	413.9	444.0	0
40								245.2	276.9	308.6	340.3	372.0	403.7	435.4	467.1	0
41								257.6	290.9	324.2	357.6	390.9	424.2	457.5	490.8	0
42								270.4	305.3	340.3	375.2	410.2	445.2	480.1	515.1	0
43								283.4	320.0	356.7	393.3	430.0	466.6	503.3	539.9	0
44								296.7	335.1	373.5	411.9	450.2	488.6	527.0	565.4	0
45									350.5	390.7	430.8	470.9	511.1	551.2	591.4	0
46									366.3	408.2	450.2	492.1	534.1	576.0	618.0	0
47									382.4	426.2	470.0	513.8	557.6	601.3	645.1	0
48									398.8	444.5	490.2	535.9	581.5	627.2	672.9	0
49									415.6	463.2	510.8	558.4	606.0	653.6	701.2	0
50									432.8	482.3	531.9	581.5	631.0	680.6	730.2	0
BASIS TREES	1	49	119	191	165	79	44	17	4	2	1	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
BLACKJACK PINE
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	1.0	1.6	2.1	2.7	3.2	3.8									5
8	.8	1.7	2.6	3.5	4.5	5.4	6.3	7.2								6
9	1.1	2.4	3.7	5.0	6.3	7.6	8.9	10.2	11.5							2
10		3.1	4.9	6.6	8.3	10.0	11.7	13.4	15.1							6
11		3.9	6.1	8.3	10.4	12.6	14.7	16.8	18.9	21.1						3
12		4.8	7.4	10.1	12.7	15.3	17.9	20.5	23.1	25.7						6
13		5.7	8.8	12.0	15.1	18.2	21.3	24.4	27.5	30.6	33.6					3
14		6.6	10.3	14.0	17.7	21.3	25.0	28.6	32.2	35.8	39.4					0
15			11.9	16.2	20.4	24.7	28.8	33.0	37.2	41.3	45.4	49.6				2
16			13.6	18.5	23.4	28.2	33.0	37.7	42.4	47.2	51.9	56.6				3
17			15.4	21.0	26.5	31.9	37.3	42.7	48.0	53.4	58.7	64.0	69.3			2
18			17.4	23.6	29.7	35.9	41.9	47.9	53.9	59.9	65.9	71.8	77.7			6
19			19.4	26.3	33.2	40.0	46.7	53.4	60.1	66.7	73.4	80.0	86.5	93.1		3
20				29.2	36.8	44.3	51.8	59.2	66.6	73.9	81.2	88.5	95.8	103.0		2
21				32.2	40.6	48.9	57.1	65.2	73.3	81.4	89.4	97.4	105.4	113.3	121.2	1
22				35.4	44.6	53.7	62.6	71.5	80.4	89.2	98.0	106.7	115.4	124.0	132.6	1
23				38.7	48.7	58.6	68.4	78.1	87.7	97.3	106.8	116.3	125.8	135.2	144.5	0
24				42.1	53.0	63.8	74.4	84.9	95.4	105.7	116.1	126.3	136.5	146.7	156.8	0
25					57.5	69.2	80.6	92.0	103.3	114.4	125.6	136.7	147.7	158.6	169.5	0
26					62.2	74.7	87.1	99.3	111.4	123.5	135.4	147.3	159.2	170.9	182.6	0
27					67.0	80.5	93.8	106.9	119.9	132.8	145.6	158.3	171.0	183.6	196.1	0
28					72.0	86.5	100.7	114.7	128.6	142.4	156.1	169.7	183.2	196.6	209.9	0
29					77.2	92.7	107.8	122.8	137.6	152.3	166.8	181.3	195.7	210.0	224.2	0
30						99.0	115.2	131.1	146.8	162.4	177.9	193.3	208.6	223.7	238.8	0
31						105.6	122.7	139.6	156.3	172.9	189.3	205.6	221.8	237.8	253.7	0
32						112.3	130.5	148.4	166.0	183.6	200.9	218.2	235.3	252.2	269.0	0
33						119.3	138.5	157.4	176.0	194.5	212.9	231.0	249.1	266.9	284.6	0
34						126.4	146.7	166.6	186.3	205.7	225.1	244.2	263.2	282.0	300.6	0
35							155.1	176.1	196.7	217.2	237.5	257.6	277.6	297.3	316.9	0
36							163.7	185.7	207.4	228.9	250.2	271.4	292.3	313.0	333.5	0
37							172.5	195.6	218.4	240.9	263.2	285.4	307.3	329.0	350.5	0
38							181.5	205.7	229.6	253.1	276.5	299.6	322.5	345.2	367.7	0
39							190.7	216.0	240.9	265.6	290.0	314.1	338.1	361.8	385.2	0
40								226.6	252.5	278.3	303.7	328.9	353.9	378.6	403.1	0
41								237.3	264.4	291.2	317.7	343.9	370.0	395.7	421.2	0
42								248.2	276.4	304.3	331.9	359.2	386.3	413.1	439.6	0
43								259.3	288.7	317.6	346.3	374.8	402.9	430.8	458.3	0
44								270.7	301.1	331.2	361.0	390.5	419.8	448.7	477.3	0
45									313.8	345.0	375.9	406.5	436.9	466.9	496.6	0
46									326.6	359.0	391.0	422.8	454.2	485.3	516.2	0
47									339.7	373.2	406.4	439.3	471.8	504.1	536.0	0
48									352.9	387.6	421.9	456.0	489.7	523.1	556.2	0
49									366.4	402.2	437.7	472.9	507.8	542.3	576.6	0
50									380.0	417.0	453.7	490.1	526.1	561.9	597.3	0
BASIS TREES	0	1	12	19	10	8	7	0	0	0	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
BLACKJACK PINE
COCONINO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	1.0	1.6	2.1	2.7	3.2	3.8									34
8	.8	1.7	2.6	3.6	4.5	5.4	6.3	7.3								34
9	1.1	2.4	3.7	5.0	6.4	7.7	9.0	10.3	11.6							28
10		3.1	4.9	6.6	8.3	10.1	11.8	13.5	15.3							34
11		3.9	6.1	8.3	10.5	12.7	14.8	17.0	19.2	21.3						17
12		4.8	7.4	10.1	12.8	15.4	18.1	20.7	23.4	26.0						26
13		5.7	8.8	12.0	15.2	18.4	21.6	24.7	27.9	31.0	34.1					11
14		6.6	10.4	14.1	17.8	21.6	25.3	29.0	32.7	36.3	39.9					16
15			12.0	16.3	20.6	24.9	29.2	33.5	37.8	42.0	46.1	50.2				11
16			13.7	18.6	23.6	28.5	33.5	38.4	43.2	48.0	52.8	57.4				10
17			15.5	21.1	26.7	32.3	37.9	43.5	49.0	54.4	59.8	65.0	70.2			5
18			17.4	23.7	30.1	36.4	42.6	48.9	55.1	61.2	67.2	73.0	78.8			6
19			19.4	26.5	33.6	40.6	47.6	54.6	61.5	68.3	74.9	81.5	87.9	94.2		8
20				29.4	37.2	45.1	52.8	60.6	68.2	75.7	83.1	90.3	97.4	104.3		4
21				32.5	41.1	49.7	58.3	66.9	75.3	83.6	91.7	99.6	107.3	114.9	122.5	3
22				35.7	45.2	54.7	64.1	73.4	82.7	91.8	100.6	109.2	117.7	125.9	134.1	7
23				39.0	49.4	59.8	70.1	80.3	90.4	100.3	109.9	119.3	128.4	137.4	146.3	1
24				42.5	53.8	65.1	76.4	87.5	98.5	109.2	119.7	129.8	139.6	149.3	158.8	4
25					58.4	70.7	82.9	95.0	106.9	118.5	129.8	140.7	151.2	161.6	171.8	2
26					63.2	76.5	89.7	102.7	115.6	128.1	140.2	151.9	163.3	174.3	185.3	1
27					68.2	82.5	96.7	110.8	124.6	138.1	151.1	163.6	175.7	187.5	199.2	1
28					73.4	88.8	104.0	119.2	134.0	148.4	162.3	175.7	188.5	201.1	213.5	0
29					78.7	95.2	111.6	127.8	143.7	159.1	173.9	188.1	201.8	215.1	228.2	2
30						101.9	119.4	136.8	153.7	170.1	185.9	201.0	215.4	229.4	243.3	0
31						108.8	127.5	146.0	164.1	181.5	198.3	214.2	229.4	244.2	258.8	0
32						116.0	135.9	155.5	174.7	193.3	211.0	227.8	243.9	259.4	274.7	0
33						123.3	144.5	165.4	185.7	205.4	224.1	241.8	258.7	274.9	291.0	0
34						130.9	153.4	175.5	197.0	217.8	237.5	256.1	273.8	290.9	307.6	0
35							162.5	185.9	208.7	230.6	251.3	270.9	289.4	307.2	324.7	0
36							171.9	196.6	220.6	243.7	265.5	286.0	305.3	323.8	342.1	0
37							181.5	207.6	232.9	257.2	280.0	301.4	321.6	340.9	359.8	0
38							191.4	218.9	245.5	271.0	294.9	317.3	338.2	358.3	378.0	0
39							201.6	230.5	258.5	285.1	310.2	333.4	355.2	376.1	396.5	0
40								242.4	271.7	299.6	325.8	350.0	372.6	394.2	415.3	0
41								254.5	285.3	314.5	341.7	366.9	390.3	412.6	434.5	0
42								267.0	299.1	329.6	358.0	384.2	408.4	431.5	454.0	0
43								279.7	313.3	345.1	374.6	401.8	426.8	450.6	473.9	0
44								292.8	327.8	361.0	391.6	419.7	445.6	470.1	494.1	0
45									342.7	377.1	409.0	438.0	464.7	490.0	514.7	0
46									357.8	393.6	426.7	456.7	484.2	510.2	535.6	0
47									373.3	410.5	444.7	475.7	504.0	530.7	556.9	0
48									389.0	427.7	463.0	495.0	524.2	551.6	578.5	0
49									405.1	445.2	481.8	514.7	544.7	572.8	600.4	0
50									421.5	463.0	500.8	534.8	565.5	594.4	622.7	0
BASIS TREES	1	27	63	89	60	37	19	7	1	2	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
BLACKJACK PINE
TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	1.0	1.6	2.1	2.7	3.2	3.8									35
8	.8	1.7	2.6	3.6	4.5	5.4	6.3	7.3								39
9	1.1	2.4	3.7	5.0	6.4	7.7	9.0	10.3	11.6							31
10		3.1	4.9	6.6	8.3	10.1	11.8	13.6	15.3							43
11		3.9	6.1	8.3	10.5	12.7	14.8	17.0	19.2	21.4						35
12		4.8	7.4	10.1	12.8	15.4	18.1	20.7	23.4	26.1						28
13		5.7	8.8	12.0	15.2	18.4	21.6	24.7	27.9	31.1	34.3					23
14		6.6	10.3	14.1	17.8	21.5	25.3	29.0	32.7	36.4	40.1					18
15			12.0	16.3	20.6	24.9	29.2	33.5	37.8	42.1	46.4	50.7				16
16			13.7	18.6	23.5	28.5	33.4	38.3	43.2	48.1	53.1	58.0				8
17			15.5	21.0	26.6	32.2	37.8	43.4	48.9	54.5	60.1	65.6	71.2			10
18			17.4	23.6	29.9	36.2	42.5	48.7	55.0	61.2	67.4	73.7	79.9			15
19			19.4	26.4	33.4	40.4	47.3	54.3	61.3	68.2	75.1	82.1	89.0	95.9		7
20				29.2	37.0	44.7	52.4	60.2	67.9	75.5	83.2	90.9	98.5	106.1		4
21				32.2	40.8	49.3	57.8	66.3	74.7	83.2	91.6	100.0	108.4	116.8	125.1	3
22				35.3	44.7	54.0	63.3	72.6	81.9	91.1	100.3	109.5	118.6	127.8	136.9	5
23				38.6	48.8	59.0	69.1	79.2	89.3	99.3	109.3	119.3	129.2	139.1	149.0	2
24				41.9	53.0	64.1	75.1	86.0	96.9	107.8	118.6	129.4	140.1	150.8	161.4	2
25					57.4	69.4	81.2	93.0	104.8	116.5	128.2	139.7	151.3	162.8	174.2	0
26					62.0	74.8	87.6	100.3	112.9	125.5	138.0	150.4	162.8	175.1	187.4	1
27					66.7	80.5	94.2	107.8	121.3	134.7	148.1	161.4	174.6	187.7	200.8	0
28					71.5	86.3	100.9	115.5	129.9	144.2	158.5	172.6	186.7	200.7	214.5	0
29					76.5	92.3	107.9	123.4	138.8	154.0	169.1	184.2	199.1	213.9	228.6	0
30						98.4	115.1	131.5	147.8	164.0	180.1	196.0	211.8	227.4	243.0	0
31						104.8	122.4	139.9	157.1	174.3	191.2	208.1	224.7	241.3	257.7	0
32						111.3	130.0	148.4	166.7	184.8	202.7	220.4	238.0	255.4	272.7	0
33						118.0	137.7	157.2	176.5	195.5	214.4	233.1	251.6	269.9	288.1	0
34						124.8	145.6	166.2	186.5	206.5	226.4	246.0	265.5	284.7	303.7	0
35							153.8	175.4	196.7	217.8	238.6	259.2	279.6	299.8	319.7	0
36							162.1	184.8	207.2	229.3	251.2	272.7	294.1	315.2	336.1	0
37							170.6	194.4	217.9	241.1	263.9	286.5	308.8	330.9	352.7	0
38							179.3	204.2	228.8	253.1	277.0	300.6	323.9	346.9	369.7	0
39							188.2	214.3	240.0	265.3	290.3	314.9	339.2	363.2	387.0	0
40								224.5	251.3	277.7	303.8	329.5	354.8	379.9	404.6	0
41								234.9	262.9	290.4	317.6	344.3	370.7	396.8	422.5	0
42								245.5	274.7	303.4	331.6	359.4	386.9	414.0	440.8	0
43								256.3	286.7	316.5	345.9	374.8	403.3	431.5	459.3	0
44								267.3	298.9	329.9	360.4	390.4	420.0	449.3	478.1	0
45									311.3	343.4	375.1	406.3	437.0	467.3	497.3	0
46									323.8	357.2	390.0	422.4	454.2	485.7	516.7	0
47									336.6	371.2	405.2	438.7	471.7	504.3	536.4	0
48									349.6	385.4	420.6	455.3	489.4	523.2	556.5	0
49									362.7	399.8	436.2	472.1	507.4	542.3	576.8	0
50									376.1	414.4	452.1	489.1	525.7	561.7	597.4	0
BASIS TREES	0	21	51	92	124	52	21	12	6	0	1	0	0	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
BLACKJACK PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.3	2.0	2.6	3.3	4.0	4.7									73
8	1.9	4.2	6.4	8.6	10.9	13.1	15.4	17.6								77
9	3.5	7.8	12.1	16.4	20.7	25.0	29.3	33.6	37.9							57
10		12.1	18.8	25.6	32.3	39.0	45.7	52.4	59.1							74
11		17.0	26.4	35.8	45.3	54.7	64.2	73.6	83.1	92.5						51
12		22.3	34.7	47.2	59.6	72.1	84.6	97.0	109.5	121.9						55
13		28.0	43.8	59.5	75.3	91.0	106.8	122.6	138.3	154.1	169.8					30
14		34.2	53.6	72.9	92.2	111.5	130.9	150.2	169.5	188.8	208.2					29
15			64.1	87.2	110.4	133.6	156.7	179.9	203.1	226.2	249.4	272.5				23
16			75.3	102.6	129.9	157.1	184.4	211.7	238.9	266.2	293.5	320.7				19
17			87.3	118.9	150.6	182.2	213.9	245.5	277.1	308.8	340.4	372.1	403.7			13
18			100.0	136.3	172.5	208.8	245.1	281.4	317.7	354.0	390.2	426.5	462.8			23
19			113.4	154.6	195.8	237.0	278.2	319.4	360.6	401.8	442.9	484.1	525.3	566.5		13
20				173.9	220.3	266.7	313.0	359.4	405.8	452.1	498.5	544.9	591.3	637.6		9
21				194.2	246.1	297.9	349.7	401.5	453.3	505.2	557.0	608.8	660.6	712.4	764.2	5
22				215.6	273.1	330.6	388.2	445.7	503.2	560.8	618.3	675.8	733.4	790.9	848.4	12
23				237.9	301.4	364.9	428.5	492.0	555.5	619.0	682.5	746.0	809.6	873.1	936.6	3
24				261.2	331.0	400.8	470.5	540.3	610.1	679.9	749.6	819.4	889.2	958.9	1028.7	6
25					361.9	438.2	514.4	590.7	667.0	743.3	819.6	895.9	972.2	1048.5	1124.8	2
26					394.0	477.1	560.2	643.3	726.3	809.4	892.5	975.6	1058.7	1141.8	1224.9	2
27					427.4	517.6	607.7	697.9	788.0	878.2	968.3	1058.5	1148.6	1238.8	1328.9	1
28					462.1	559.6	657.1	754.5	852.0	949.5	1047.0	1144.5	1242.0	1339.5	1437.0	0
29					498.0	603.1	708.2	813.3	918.4	1023.5	1128.6	1233.7	1338.8	1443.9	1549.0	1
30						648.2	761.2	874.2	987.2	1100.1	1213.1	1326.1	1439.0	1552.0	1665.0	0
31						694.9	816.0	937.1	1058.3	1179.4	1300.5	1421.6	1542.7	1663.8	1784.9	0
32						743.1	872.7	1002.2	1131.7	1261.2	1390.8	1520.3	1649.8	1779.4	1908.9	0
33						792.9	931.1	1069.3	1207.5	1345.8	1484.0	1622.2	1760.4	1898.6	2036.9	0
34						844.2	991.4	1138.6	1285.7	1432.9	1580.1	1727.3	1874.4	2021.6	2168.8	0
35							1053.5	1209.9	1366.3	1522.7	1679.1	1835.5	1991.9	2148.3	2304.7	0
36							1117.4	1283.3	1449.2	1615.1	1781.0	1946.9	2112.8	2278.7	2444.6	0
37							1183.1	1358.8	1534.5	1710.2	1885.8	2061.5	2237.2	2412.9	2588.5	0
38							1250.7	1436.4	1622.1	1807.9	1993.6	2179.3	2365.0	2550.7	2736.4	0
39							1320.1	1516.1	1712.1	1908.2	2104.2	2300.2	2496.3	2692.3	2888.3	0
40								1597.9	1804.5	2011.1	2217.8	2424.4	2631.0	2837.6	3044.2	0
41								1681.8	1899.3	2116.7	2334.2	2551.7	2769.2	2986.6	3204.1	0
42								1767.8	1996.4	2225.0	2453.6	2682.2	2910.8	3139.4	3368.0	0
43								1855.9	2095.9	2335.9	2575.9	2815.9	3055.9	3295.9	3535.9	0
44								1946.1	2197.7	2449.4	2701.1	2952.7	3204.4	3456.1	3707.7	0
45									2301.9	2565.6	2829.2	3092.8	3356.4	3620.0	3883.6	0
46									2408.5	2684.3	2960.2	3236.0	3511.8	3787.6	4063.5	0
47									2517.5	2805.8	3094.1	3382.4	3670.7	3959.0	4247.3	0
48									2628.8	2929.9	3230.9	3532.0	3833.0	4134.1	4435.2	0
49									2742.5	3056.6	3370.7	3684.8	3998.8	4312.9	4627.0	0
50									2858.6	3185.9	3513.3	3840.7	4168.1	4495.5	4822.9	0
BASIS TREES	0	24	98	180	164	79	44	17	4	2	1	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
BLACKJACK PINE
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	1.1	1.7	2.3	2.9	3.6	4.2									3
8	1.7	3.7	5.7	7.6	9.7	11.7	13.9	16.1								6
9	3.2	7.0	10.7	14.5	18.4	22.4	26.5	30.7	35.0							2
10		10.8	16.7	22.6	28.6	34.9	41.3	47.8	54.6							6
11		15.0	23.3	31.7	40.2	48.9	57.9	67.2	76.6	86.3						3
12		19.7	30.7	41.7	52.9	64.5	76.3	88.5	101.0	113.8						6
13		24.8	38.7	52.6	66.8	81.4	96.4	111.9	127.7	143.7	160.0					3
14		30.4	47.3	64.4	81.8	99.7	118.1	137.1	156.4	176.2	196.1					0
15			56.6	77.1	98.0	119.4	141.5	164.2	187.4	211.0	234.9	259.0				2
16			66.5	90.7	115.2	140.5	166.5	193.2	220.5	248.3	276.5	304.8				3
17			77.1	105.1	133.6	162.9	193.1	224.1	255.8	288.0	320.7	353.6	386.7			2
18			88.3	120.4	153.1	186.7	221.3	256.8	293.2	330.2	367.6	405.4	443.3			6
19			100.2	136.6	173.7	211.8	251.1	291.5	332.8	374.8	417.3	460.1	503.2	546.3		3
20				153.7	195.5	238.4	282.6	328.0	374.5	421.8	469.6	517.9	566.3	614.8		2
21				171.6	218.3	266.3	315.7	366.4	418.4	471.2	524.7	578.6	632.7	686.9	741.1	1
22				190.5	242.3	295.6	350.4	406.8	464.4	523.1	582.5	642.3	702.4	762.6	822.8	1
23				210.2	267.4	326.2	386.8	449.0	512.7	577.4	643.0	709.1	775.4	841.8	908.3	0
24				230.8	293.7	358.3	424.8	493.1	563.1	634.2	706.2	778.8	851.7	924.6	997.6	0
25					321.1	391.7	464.4	539.1	615.6	693.4	772.2	851.5	931.2	1011.0	1090.8	0
26					349.6	426.5	505.7	587.1	670.3	755.1	840.8	927.3	1014.0	1101.0	1187.8	0
27					379.2	462.7	548.6	636.9	727.3	819.2	912.3	1006.0	1100.2	1194.5	1288.7	0
28					410.0	500.2	593.1	688.6	786.3	885.8	986.4	1087.8	1189.6	1291.6	1393.5	0
29					441.9	539.2	639.3	742.3	847.6	954.8	1063.2	1172.5	1282.3	1392.2	1502.1	0
30						579.5	687.2	797.8	911.0	1026.2	1142.8	1260.3	1378.3	1496.5	1614.6	0
31						621.2	736.6	855.3	976.7	1100.2	1225.2	1351.1	1477.6	1604.3	1730.9	0
32						664.3	787.8	914.6	1044.5	1176.6	1310.2	1445.0	1580.2	1715.7	1851.2	0
33						708.8	840.5	975.9	1114.4	1255.4	1398.0	1541.8	1686.1	1830.7	1975.2	0
34						754.7	894.9	1039.1	1186.6	1336.7	1488.6	1641.7	1795.4	1949.3	2103.2	0
35							951.0	1104.2	1260.9	1420.4	1581.9	1744.5	1907.9	2071.5	2235.0	0
36							1008.7	1171.2	1337.5	1506.6	1677.9	1850.4	2023.7	2197.2	2370.7	0
37							1068.0	1240.1	1416.2	1595.3	1776.6	1959.3	2142.8	2326.5	2510.2	0
38							1129.0	1310.9	1497.1	1686.4	1878.1	2071.3	2265.2	2459.5	2653.7	0
39							1191.7	1383.7	1580.1	1780.0	1982.4	2186.2	2391.0	2596.0	2801.0	0
40								1458.3	1665.4	1876.1	2089.3	2304.2	2520.0	2736.1	2952.1	0
41								1534.9	1752.8	1974.6	2199.1	2425.2	2652.3	2879.8	3107.2	0
42								1613.4	1842.5	2075.6	2311.5	2549.3	2788.0	3027.1	3266.1	0
43								1693.8	1934.3	2179.0	2426.7	2676.3	2926.9	3177.9	3428.9	0
44								1776.1	2028.3	2284.9	2544.7	2806.4	3069.2	3332.4	3595.6	0
45									2124.5	2393.3	2665.3	2939.5	3214.8	3490.5	3766.1	0
46									2222.8	2504.1	2788.8	3075.6	3363.6	3652.1	3940.5	0
47									2323.4	2617.4	2914.9	3214.8	3515.8	3817.4	4118.8	0
48									2426.1	2733.1	3043.8	3356.9	3671.3	3986.2	4301.0	0
49									2531.1	2851.3	3175.5	3502.1	3830.1	4158.6	4487.0	0
50									2638.2	2972.0	3309.9	3650.4	3992.2	4334.6	4677.0	0
BASIS TREES	0	0	7	17	10	8	7	0	0	0	0	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
BLACKJACK PINE
COCONINO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.3	1.9	2.6	3.3	4.0	4.6									27
8	1.9	4.1	6.3	8.6	10.8	13.0	15.2	17.4								34
9	3.5	7.8	12.0	16.2	20.5	24.7	29.0	33.2	37.4							28
10		12.0	18.6	25.2	31.9	38.4	45.0	51.6	58.2							34
11		16.8	26.1	35.4	44.6	53.9	63.1	72.3	81.5	90.7						17
12		22.0	34.3	46.5	58.6	70.8	82.9	94.9	107.0	119.0						26
13		27.7	43.1	58.6	73.9	89.2	104.3	119.5	134.6	149.8	165.0					11
14		33.8	52.7	71.6	90.3	108.9	127.4	145.8	164.2	182.7	201.3					17
15			63.0	85.5	107.8	130.0	152.0	173.8	195.8	217.8	240.2	262.8				10
16			74.0	100.4	126.5	152.4	178.0	203.5	229.2	255.1	281.4	308.3				10
17			85.6	116.1	146.2	176.0	205.4	234.8	264.4	294.5	325.2	356.6	388.6			5
18			97.9	132.7	167.0	200.8	234.3	267.7	301.5	336.1	371.6	407.8	444.7			6
19			110.9	150.2	188.8	226.8	264.4	302.1	340.5	379.9	420.5	462.0	504.2	546.8		8
20				168.6	211.7	253.9	295.9	338.1	381.4	426.1	472.1	519.2	566.9	615.1		4
21				187.7	235.4	282.2	328.6	375.7	424.2	474.5	526.4	579.4	633.0	687.0	741.1	3
22				207.7	260.1	311.5	362.6	414.9	469.1	525.4	583.4	642.6	702.4	762.5	822.6	7
23				228.5	285.7	341.8	397.9	455.7	516.0	578.7	643.2	708.8	775.0	841.5	908.0	1
24				250.0	312.2	373.1	434.5	498.2	564.9	634.4	705.7	778.1	851.0	924.2	997.2	4
25					339.5	405.4	472.4	542.4	616.1	692.6	771.0	850.4	930.3	1010.4	1090.4	2
26					367.6	438.8	511.7	588.5	669.4	753.3	839.1	925.8	1013.0	1100.2	1187.3	1
27					396.5	473.1	552.4	636.4	724.8	816.5	909.9	1004.2	1098.9	1193.6	1288.1	1
28					426.2	508.5	594.5	686.1	782.5	882.1	983.5	1085.6	1188.1	1290.6	1392.8	0
29					456.6	545.0	638.2	737.8	842.4	950.3	1059.8	1170.1	1280.6	1391.1	1501.4	2
30						582.5	683.4	791.3	904.6	1020.9	1138.9	1257.6	1376.5	1495.3	1613.8	0
31						621.2	730.1	846.8	968.9	1094.1	1220.8	1348.1	1475.6	1603.0	1730.1	0
32						661.0	778.4	904.2	1035.5	1169.7	1305.4	1441.6	1578.0	1714.3	1850.2	0
33						702.0	828.4	963.6	1104.2	1247.8	1392.7	1538.2	1683.8	1829.2	1974.2	0
34						744.3	880.0	1024.9	1175.2	1328.4	1482.8	1637.8	1792.8	1947.6	2102.1	0
35							933.3	1088.1	1248.4	1411.4	1575.6	1740.4	1905.1	2069.7	2233.9	0
36							988.2	1153.3	1323.8	1496.9	1671.2	1846.0	2020.8	2195.3	2369.5	0
37							1044.8	1220.5	1401.4	1584.9	1769.5	1954.6	2139.7	2324.6	2509.0	0
38							1103.1	1289.6	1481.2	1675.3	1870.6	2066.3	2262.0	2457.4	2652.3	0
39							1163.0	1360.6	1563.1	1768.2	1974.3	2180.9	2387.5	2593.8	2799.6	0
40								1433.5	1647.3	1863.5	2080.9	2298.6	2516.4	2733.8	2950.6	0
41								1508.3	1733.6	1961.3	2190.1	2419.3	2648.5	2877.3	3105.6	0
42								1585.1	1822.1	2061.5	2302.1	2543.1	2784.0	3024.5	3264.5	0
43								1663.8	1912.8	2164.2	2416.8	2669.8	2922.7	3175.2	3427.2	0
44								1744.4	2005.7	2269.4	2534.3	2799.6	3064.8	3329.6	3593.8	0
45									2100.7	2377.0	2654.4	2932.3	3210.1	3487.5	3764.2	0
46									2197.9	2487.0	2777.4	3068.1	3358.8	3649.0	3938.5	0
47									2297.3	2599.5	2903.0	3206.9	3510.8	3814.1	4116.7	0
48									2398.8	2714.5	3031.4	3348.8	3666.0	3982.8	4298.8	0
49									2502.5	2831.8	3162.5	3493.6	3824.6	4155.1	4484.8	0
50									2608.4	2951.7	3296.3	3641.5	3986.5	4330.9	4674.6	0
BASIS TREES	0	11	46	78	59	37	19	7	1	2	0	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
BLACKJACK PINE
TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.3	1.9	2.6	3.2	3.8	4.4									29
8	1.9	4.1	6.3	8.5	10.6	12.6	14.5	16.5								38
9	3.5	7.8	12.0	16.1	20.1	23.9	27.7	31.5	35.4							31
10		12.0	18.6	25.0	31.3	37.3	43.2	49.1	55.2							43
11		16.8	26.0	35.1	43.9	52.3	60.6	68.9	77.6	86.7						35
12		22.1	34.2	46.2	57.8	69.0	79.9	90.8	102.3	114.3						28
13		27.8	43.2	58.3	73.0	87.1	100.9	114.7	129.2	144.4	160.2					23
14		34.0	52.8	71.4	89.4	106.7	123.6	140.6	158.3	177.0	196.3					18
15			63.2	85.4	107.0	127.8	148.0	168.4	189.7	212.0	235.2	259.0				16
16			74.3	100.5	125.8	150.3	174.2	198.2	223.2	249.4	276.8	304.8				8
17			86.1	116.5	145.9	174.3	202.0	229.9	258.9	289.3	321.1	353.6	386.5			10
18			98.6	133.4	167.2	199.8	231.5	263.5	296.7	331.7	368.1	405.3	443.1			15
19			111.9	151.4	189.7	226.7	262.7	299.0	336.8	376.5	417.8	460.1	502.9	546.0		7
20				170.3	213.5	255.1	295.7	336.5	379.0	423.7	470.2	517.8	566.1	614.6		4
21				190.2	238.4	284.9	330.3	375.9	423.4	473.4	525.3	578.5	632.5	686.6	740.9	3
22				211.1	264.6	316.3	366.6	417.3	470.0	525.5	583.2	642.3	702.1	762.3	822.5	5
23				233.0	292.1	349.1	404.7	460.6	518.8	580.0	643.7	709.0	775.1	841.5	908.0	2
24				255.8	320.7	383.4	444.4	505.9	569.8	637.1	707.0	778.7	851.3	924.3	997.3	2
25					350.6	419.1	485.9	553.1	623.0	696.5	773.0	851.4	930.8	1010.6	1090.4	0
26					381.8	456.4	529.1	602.3	678.4	758.5	841.8	927.2	1013.6	1100.5	1187.5	1
27					414.1	495.1	574.0	653.4	736.0	822.9	913.3	1005.9	1099.7	1194.0	1288.3	0
28					447.7	535.3	620.6	706.5	795.8	889.7	987.5	1087.7	1189.1	1291.0	1393.1	0
29					482.6	576.9	668.9	761.5	857.8	959.1	1064.4	1172.4	1281.8	1391.6	1501.6	0
30						620.1	719.0	818.5	922.0	1030.9	1144.1	1260.2	1377.7	1495.9	1614.1	0
31						664.7	770.7	877.4	988.4	1105.1	1226.6	1351.0	1477.0	1603.6	1730.4	0
32						710.9	824.2	938.3	1057.0	1181.8	1311.7	1444.8	1579.6	1715.0	1850.6	0
33						758.5	879.4	1001.2	1127.9	1261.0	1399.6	1541.6	1685.4	1830.0	1974.6	0
34						807.5	936.4	1066.0	1200.9	1342.7	1490.3	1641.5	1794.6	1948.5	2102.5	0
35							995.0	1132.8	1276.1	1426.8	1583.6	1744.3	1907.1	2070.6	2234.3	0
36							1055.4	1201.5	1353.6	1513.4	1679.8	1850.2	2022.8	2196.3	2369.9	0
37							1117.5	1272.2	1433.2	1602.5	1778.6	1959.1	2141.9	2325.6	2509.4	0
38							1181.3	1344.9	1515.1	1694.0	1880.2	2071.0	2264.3	2458.5	2652.8	0
39							1246.8	1419.5	1599.2	1788.1	1984.6	2186.0	2389.9	2594.9	2800.1	0
40								1496.1	1685.5	1884.5	2091.7	2304.0	2518.9	2735.0	2951.2	0
41								1574.6	1774.0	1983.5	2201.5	2425.0	2651.2	2878.6	3106.2	0
42								1655.1	1864.7	2084.9	2314.1	2549.0	2786.8	3025.8	3265.1	0
43								1737.6	1957.6	2188.8	2429.4	2676.0	2925.7	3176.6	3427.8	0
44								1822.0	2052.7	2295.2	2547.5	2806.1	3067.9	3331.0	3594.4	0
45									2150.1	2404.0	2668.3	2939.2	3213.4	3489.0	3764.9	0
46									2249.6	2515.4	2791.9	3075.3	3362.2	3650.6	3939.3	0
47									2351.4	2629.2	2918.2	3214.4	3514.3	3815.8	4117.5	0
48									2455.4	2745.4	3047.2	3356.6	3669.8	3984.6	4299.6	0
49									2561.5	2864.2	3179.0	3501.7	3828.5	4156.9	4485.6	0
50									2669.9	2985.4	3313.6	3649.9	3990.5	4332.9	4675.5	0
BASIS TREES	0	3	27	75	123	52	21	12	6	0	1	0	0	0	0	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNBORKED TREES
BLACKJACK PINE
LINCOLN-COCONINO-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.7	1.1	1.5	1.9	2.2	2.6									0
8	1.2	2.7	4.2	5.6	7.1	8.5	10.0	11.5								0
9	2.5	5.6	8.6	11.7	14.8	17.8	20.9	23.9	27.0							31
10		9.2	14.2	19.3	24.4	29.5	34.5	39.6	44.7							74
11		13.4	20.8	28.3	35.7	43.2	50.6	58.1	65.5	73.0						51
12		18.1	28.3	38.4	48.6	58.7	68.9	79.0	89.2	99.3						55
13		23.4	36.5	49.7	62.8	76.0	89.1	102.3	115.4	128.6	141.7					30
14		29.1	45.6	62.0	78.4	94.9	111.3	127.7	144.2	160.6	177.0					29
15			55.3	75.3	95.3	115.3	135.3	155.3	175.3	195.3	215.3	235.3				23
16			65.9	89.7	113.5	137.4	161.2	185.1	208.9	232.7	256.6	280.4				19
17			77.1	105.1	133.0	161.0	188.9	216.9	244.8	272.8	300.7	328.7	356.6			13
18			89.1	121.4	153.7	186.1	218.4	250.7	283.0	315.4	347.7	380.0	412.4			23
19			101.8	138.8	175.7	212.7	249.7	286.6	323.6	360.6	397.6	434.5	471.5	508.5		13
20				157.1	199.0	240.8	282.7	324.6	366.5	408.4	450.2	492.1	534.0	575.9		9
21				176.4	223.4	270.5	317.5	364.6	411.7	458.7	505.8	552.8	599.9	646.9	694.0	5
22				196.7	249.2	301.7	354.1	406.6	459.1	511.6	564.1	616.6	669.1	721.6	774.1	12
23				217.9	276.1	334.3	392.5	450.7	508.9	567.1	625.3	683.5	741.7	799.9	858.0	3
24				240.2	304.3	368.5	432.7	496.8	561.0	625.1	689.3	753.4	817.6	881.7	945.9	6
25					333.8	404.2	474.6	544.9	615.3	685.7	756.1	826.5	896.8	967.2	1037.6	2
26					364.5	441.4	518.2	595.1	672.0	748.8	825.7	902.6	979.4	1056.3	1133.2	2
27					396.4	480.0	563.7	647.3	730.9	814.5	898.1	981.8	1065.4	1149.0	1232.6	1
28					429.6	520.2	610.9	701.5	792.1	882.8	973.4	1064.0	1154.7	1245.3	1335.9	0
29					464.0	561.9	659.8	757.7	855.7	953.6	1051.5	1149.4	1247.3	1345.2	1443.1	1
30						605.1	710.6	816.0	921.5	1026.9	1132.4	1237.8	1343.3	1448.7	1554.2	0
31						649.8	763.0	876.3	989.6	1102.8	1216.1	1329.3	1442.6	1555.8	1669.1	0
32						696.0	817.3	938.6	1059.9	1181.2	1302.6	1423.9	1545.2	1666.5	1787.8	0
33						743.7	873.3	1003.0	1132.6	1262.2	1391.9	1521.5	1651.2	1780.8	1910.5	0
34						792.9	931.1	1069.3	1207.6	1345.8	1484.0	1622.3	1760.5	1898.7	2036.9	0
35							990.7	1137.7	1284.8	1431.9	1579.0	1726.1	1873.1	2020.2	2167.3	0
36							1052.0	1208.2	1364.4	1520.5	1676.7	1832.9	1989.1	2145.3	2301.5	0
37							1115.0	1280.6	1446.2	1611.7	1777.3	1942.9	2108.4	2274.0	2439.6	0
38							1179.9	1355.1	1530.3	1705.5	1880.7	2055.9	2231.1	2406.3	2581.5	0
39							1246.5	1431.6	1616.7	1801.8	1986.9	2172.0	2357.1	2542.2	2727.3	0
40								1510.1	1705.4	1900.7	2095.9	2291.2	2486.5	2681.7	2877.0	0
41								1590.7	1796.4	2002.1	2207.8	2413.4	2619.1	2824.8	3030.5	0
42								1673.3	1889.6	2106.0	2322.4	2538.8	2755.1	2971.5	3187.9	0
43								1757.9	1985.2	2212.5	2439.9	2667.2	2894.5	3121.8	3349.2	0
44								1844.5	2083.0	2321.6	2560.1	2798.7	3037.2	3275.7	3514.3	0
45									2182.2	2433.2	2683.2	2933.2	3183.2	3433.2	3683.2	0
46									2285.6	2547.4	2809.1	3070.8	3332.6	3594.3	3856.1	0
47									2390.3	2664.1	2937.8	3211.6	3485.3	3759.0	4032.8	0
48									2497.3	2783.3	3069.3	3355.3	3641.3	3927.3	4213.4	0
49									2606.6	2905.2	3203.7	3502.2	3800.7	4099.3	4397.8	0
50									2718.2	3029.5	3340.8	3652.1	3963.5	4274.8	4586.1	0
BASIS TREES	0	0	2	97	131	79	44	17	4	2	1	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
BLACKJACK PINE
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.6	.9	1.3	1.6	1.9	2.3									3
8	1.1	2.3	3.5	4.7	6.0	7.4	8.8	10.2								6
9	2.1	4.7	7.3	9.9	12.6	15.4	18.3	21.4	24.5							2
10		7.7	12.0	16.3	20.8	25.5	30.3	35.4	40.6							6
11		11.3	17.5	23.9	30.4	37.3	44.4	51.8	59.5	67.2						3
12		15.2	23.7	32.4	41.4	50.7	60.4	70.5	80.9	91.5						6
13		19.7	30.7	41.9	53.5	65.6	78.2	91.3	104.7	118.4	132.3					3
14		24.5	38.3	52.3	66.8	81.9	97.7	114.0	130.8	147.9	165.2					0
15			46.5	63.6	81.2	99.6	118.8	138.7	159.1	179.9	201.0	222.2				2
16			55.3	75.7	96.7	118.7	141.5	165.2	189.5	214.4	239.5	264.8				3
17			64.8	88.6	113.3	139.0	165.8	193.6	222.1	251.2	280.7	310.4	340.1			2
18			74.8	102.4	131.0	160.7	191.7	223.8	256.8	290.5	324.6	358.9	393.2			6
19			85.5	117.1	149.7	183.7	219.2	255.9	293.6	332.1	371.1	410.3	449.6	488.9		3
20				132.5	169.5	208.0	248.2	289.8	332.5	376.2	420.3	464.7	509.2	553.7		2
21				148.8	190.4	233.7	278.8	325.5	373.5	422.5	472.1	522.0	572.1	622.1	671.9	1
22				166.0	212.3	260.6	310.9	363.0	416.6	471.3	526.6	582.3	638.1	693.8	749.5	1
23				183.9	235.3	288.8	344.6	402.4	461.8	522.4	583.7	645.4	707.3	769.1	830.8	0
24				202.7	259.3	318.3	379.8	443.5	509.0	575.8	643.4	711.5	779.7	847.8	915.8	0
25					284.4	349.1	416.6	486.5	558.3	631.6	705.8	780.4	855.3	930.0	1004.6	0
26					310.6	381.3	454.9	531.3	609.7	689.8	770.8	852.3	934.0	1015.7	1097.2	0
27					337.8	414.7	494.8	577.9	663.2	750.3	838.4	927.1	1016.0	1104.8	1193.4	0
28					366.0	449.4	536.2	626.3	718.8	813.1	908.7	1004.8	1101.1	1197.4	1293.5	0
29					395.3	485.4	579.2	676.5	776.4	878.4	981.5	1085.4	1189.5	1293.5	1397.2	0
30						522.7	623.8	728.5	836.1	945.9	1057.0	1168.9	1281.0	1393.0	1504.7	0
31						561.3	669.8	782.3	897.9	1015.8	1135.2	1255.3	1375.7	1496.0	1616.0	0
32						601.2	717.5	837.9	961.8	1088.1	1215.9	1344.6	1473.6	1602.4	1731.0	0
33						642.4	766.7	895.4	1027.7	1162.7	1299.3	1436.8	1574.6	1712.3	1849.7	0
34						684.9	817.4	954.6	1095.8	1239.6	1385.3	1531.9	1678.9	1825.7	1972.2	0
35							869.7	1015.7	1165.9	1319.0	1473.9	1629.9	1786.3	1942.5	2098.4	0
36							923.5	1078.6	1238.0	1400.6	1565.2	1730.9	1896.9	2062.8	2228.3	0
37							978.8	1142.3	1312.3	1484.6	1659.1	1834.7	2010.7	2186.6	2362.0	0
38							1035.8	1209.7	1388.6	1571.0	1755.6	1941.4	2127.7	2313.8	2499.4	0
39							1094.2	1278.0	1467.0	1659.7	1854.7	2051.1	2247.8	2444.5	2640.6	0
40								1348.1	1547.5	1750.7	1956.5	2163.6	2371.2	2578.6	2785.5	0
41								1420.1	1630.0	1844.2	2060.9	2279.1	2497.7	2716.2	2934.2	0
42								1493.8	1714.7	1939.9	2167.9	2397.4	2627.4	2857.3	3086.5	0
43								1569.3	1801.4	2038.0	2277.6	2518.7	2760.3	3001.8	3242.7	0
44								1646.7	1890.2	2138.5	2389.8	2642.8	2896.4	3149.8	3402.5	0
45									1981.0	2241.3	2504.7	2769.9	3035.7	3301.2	3566.1	0
46									2074.0	2346.4	2622.3	2899.9	3178.1	3456.2	3733.5	0
47									2169.0	2453.9	2742.4	3032.7	3323.7	3614.5	3904.6	0
48									2266.1	2563.8	2865.2	3168.5	3472.5	3776.4	4079.4	0
49									2365.3	2676.0	2990.6	3307.2	3624.5	3941.7	4258.0	0
50									2466.5	2790.6	3118.6	3448.8	3779.7	4110.4	4440.3	0
BASIS TREES	0	0	7	17	10	8	7	0	0	0	0	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
BLACKJACK PINE
COCONINO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.7	1.1	1.5	1.8	2.2	2.6									27
8	1.2	2.7	4.1	5.5	7.0	8.4	9.9	11.3								34
9	2.5	5.5	8.5	11.5	14.5	17.5	20.5	23.5	26.6							28
10		9.0	14.0	19.0	24.0	28.9	33.9	38.9	43.8							34
11		13.2	20.5	27.8	35.0	42.3	49.5	56.8	64.0	71.3						17
12		17.8	27.8	37.6	47.5	57.3	67.1	76.9	86.7	96.5						26
13		23.0	35.8	48.6	61.3	73.9	86.5	99.1	111.7	124.3	137.1					11
14		28.6	44.6	60.5	76.3	92.0	107.6	123.1	138.7	154.5	170.4					17
15			54.1	73.3	92.4	111.4	130.2	148.9	167.8	186.8	206.2	225.9				10
16			64.3	87.1	109.7	132.0	154.2	176.3	198.6	221.3	244.5	268.2				10
17			75.1	101.7	128.0	153.9	179.6	205.3	231.3	257.9	285.3	313.3	341.9			5
18			86.6	117.2	147.3	176.9	206.2	235.7	265.8	296.7	328.6	361.3	394.7			6
19			98.7	133.5	167.5	201.0	234.2	267.6	302.0	337.6	374.4	412.2	450.7	489.4		3
20				150.6	188.7	226.1	263.2	301.0	340.0	380.7	422.8	466.0	509.9	554.0		4
21				168.4	210.8	252.2	293.5	335.8	379.9	426.1	473.9	522.8	572.3	622.1	671.9	3
22				187.0	233.6	279.2	324.9	372.1	421.7	473.7	527.5	582.5	638.0	693.7	749.3	7
23				206.3	257.3	307.1	357.4	409.9	465.4	523.7	583.9	645.2	706.9	768.8	830.5	1
24				226.3	281.7	335.8	391.0	449.2	511.1	576.0	642.9	710.8	779.1	847.4	915.5	4
25					306.7	365.4	425.9	490.2	558.8	630.7	704.5	779.3	854.4	929.4	1004.2	2
26					332.5	395.9	461.9	532.9	608.7	687.8	768.9	850.8	932.9	1014.9	1096.7	1
27					358.8	427.2	499.3	577.3	660.5	747.3	835.9	925.2	1014.7	1104.0	1192.9	1
28					385.7	459.3	537.9	623.4	714.5	809.2	905.5	1002.6	1099.6	1196.4	1292.8	0
29					413.3	492.4	577.9	671.3	770.6	873.4	977.9	1082.8	1187.8	1292.4	1396.5	2
30						526.3	619.3	721.0	828.9	940.1	1052.8	1166.0	1279.1	1391.8	1504.0	0
31						561.3	662.2	772.6	889.2	1009.1	1130.4	1252.1	1373.6	1494.7	1615.2	0
32						597.2	706.5	825.9	951.7	1080.5	1210.7	1341.1	1471.3	1601.0	1730.1	0
33						634.3	752.4	881.2	1016.2	1154.3	1293.6	1433.0	1572.2	1710.8	1848.7	0
34						672.4	799.8	938.2	1082.9	1230.5	1379.1	1527.8	1676.2	1824.1	1971.1	0
35						711.7	848.7	997.2	1151.7	1309.0	1467.2	1625.6	1783.5	1940.8	2097.3	0
36							899.3	1057.9	1222.6	1389.8	1558.0	1726.2	1893.9	2061.0	2227.2	0
37							951.4	1120.5	1295.5	1473.0	1651.4	1829.7	2007.5	2184.6	2360.8	0
38							1005.0	1185.0	1370.6	1558.6	1747.4	1936.1	2124.3	2311.7	2498.1	0
39							1060.3	1251.2	1447.7	1646.5	1846.1	2045.5	2244.3	2442.2	2639.2	0
40								1319.3	1526.9	1736.8	1947.3	2157.7	2367.4	2576.3	2784.0	0
41								1389.2	1608.2	1829.4	2051.2	2272.8	2493.7	2713.7	2932.6	0
42								1460.9	1691.5	1924.3	2157.7	2390.8	2623.3	2854.7	3084.9	0
43								1534.5	1777.0	2021.6	2266.8	2511.7	2755.9	2999.1	3241.0	0
44								1609.8	1864.4	2121.2	2378.5	2635.6	2891.8	3146.9	3400.7	0
45									1954.0	2223.1	2492.9	2762.3	3030.8	3298.2	3564.3	0
46									2045.6	2327.4	2609.8	2891.9	3173.0	3453.0	3731.5	0
47									2139.2	2434.0	2729.4	3024.4	3318.4	3611.2	3902.5	0
48									2234.9	2543.0	2851.6	3159.8	3467.0	3772.9	4077.2	0
49									2332.7	2654.3	2976.4	3298.1	3618.8	3938.0	4255.7	0
50									2432.5	2767.9	3103.8	3439.3	3773.7	4106.6	4437.9	0
BASIS TREES	0	11	46	78	59	37	19	7	1	2	0	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
BLACKJACK PINE
TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.7	1.1	1.4	1.8	2.1	2.4									29
8	1.2	2.7	4.1	5.5	6.8	8.1	9.3	10.6								38
9	2.5	5.5	8.5	11.4	14.2	16.8	19.4	22.1	24.8							31
10		9.1	14.0	18.8	23.4	27.8	32.1	36.5	41.2							43
11		13.2	20.4	27.5	34.3	40.8	47.1	53.5	60.3	67.6						35
12		17.9	27.8	37.3	46.6	55.4	64.1	72.8	82.1	92.0						28
13		23.1	35.9	48.3	60.3	71.7	82.9	94.3	106.3	119.0	132.4					23
14		28.8	44.7	60.3	75.2	89.6	103.5	117.7	132.7	148.7	165.5					18
15			54.3	73.2	91.5	108.9	125.9	143.2	161.4	180.9	201.3	222.2				16
16			64.6	87.2	108.9	129.7	150.0	170.6	192.3	215.5	239.8	264.8				8
17			75.7	102.1	127.6	152.0	175.7	199.9	225.4	252.6	281.1	310.3	339.9			10
18			87.4	118.0	147.5	175.7	203.2	231.1	260.6	292.1	325.0	358.8	393.1			15
19			99.9	134.9	168.6	200.8	232.3	264.2	298.0	333.9	371.6	410.3	449.4	488.7		7
20				152.7	190.9	227.4	263.0	299.2	337.4	378.2	420.8	464.7	509.0	553.5		4
21				171.5	214.3	255.4	295.4	336.1	379.0	424.8	472.7	522.0	571.8	621.8	671.7	3
22				191.2	239.0	284.8	329.5	374.8	422.7	473.8	527.3	582.2	637.8	693.5	749.2	5
23				211.9	264.9	315.7	365.2	415.4	468.6	525.2	584.4	645.3	706.9	768.8	830.5	2
24				233.5	292.0	348.0	402.5	457.9	516.5	578.9	644.3	711.4	779.3	847.5	915.5	2
25					320.2	381.7	441.5	502.3	566.6	635.0	706.7	780.3	854.9	929.6	1004.3	0
26					349.7	416.8	482.1	548.5	618.7	693.5	771.8	852.2	933.6	1015.3	1096.8	1
27					380.3	453.3	524.4	596.6	673.0	754.3	839.5	927.0	1015.5	1104.3	1193.0	0
28					412.1	491.2	568.3	646.6	729.4	817.5	909.8	1004.7	1100.6	1196.9	1293.0	0
29					445.1	530.6	613.8	698.4	787.8	883.1	982.8	1085.2	1188.9	1292.9	1396.8	0
30						571.4	661.0	752.1	848.4	951.0	1058.4	1168.7	1280.4	1392.4	1504.3	0
31						613.6	709.9	807.7	911.1	1021.3	1136.6	1255.1	1375.0	1495.3	1615.5	0
32						657.2	760.3	865.2	975.9	1093.9	1217.5	1344.4	1472.9	1601.7	1730.4	0
33						702.2	812.5	924.5	1042.9	1168.9	1301.0	1436.6	1573.9	1711.6	1849.1	0
34						748.7	866.2	985.7	1111.9	1246.3	1387.1	1531.7	1678.1	1824.9	1971.5	0
35							921.6	1048.7	1183.0	1326.0	1475.9	1629.7	1785.5	1941.7	2097.7	0
36							978.7	1113.6	1256.2	1408.1	1567.2	1730.7	1896.0	2061.9	2227.6	0
37							1037.3	1180.4	1331.6	1492.6	1661.3	1834.5	2009.8	2185.6	2361.2	0
38							1097.7	1249.0	1409.0	1579.4	1757.9	1941.2	2126.7	2312.8	2498.6	0
39							1159.6	1319.6	1488.6	1668.6	1857.2	2050.8	2246.8	2443.4	2639.7	0
40								1391.9	1570.3	1760.1	1959.1	2163.3	2370.1	2577.5	2784.6	0
41								1466.2	1654.0	1854.0	2063.6	2278.8	2496.5	2715.0	2933.2	0
42								1542.3	1739.9	1950.3	2170.7	2397.1	2626.2	2856.0	3085.5	0
43								1620.3	1827.9	2048.9	2280.5	2518.3	2759.0	3000.5	3241.6	0
44								1700.2	1918.0	2149.9	2392.9	2642.5	2895.0	3148.4	3401.4	0
45									2010.2	2253.3	2508.0	2769.5	3034.2	3299.8	3565.0	0
46									2104.5	2359.0	2625.7	2899.5	3176.6	3454.6	3732.3	0
47									2200.9	2467.1	2746.0	3032.4	3322.2	3612.9	3903.3	0
48									2299.4	2577.5	2868.9	3168.1	3470.9	3774.7	4078.1	0
49									2400.1	2690.3	2994.5	3306.8	3622.8	3939.9	4256.6	0
50									2502.8	2805.5	3122.7	3448.3	3777.9	4108.6	4438.8	0
BASIS TREES	0	3	27	75	123	52	21	12	6	0	1	0	0	0	0	

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.1	.1	.1	.1	.2	.2	.2									0
2	.1	.2	.3	.4	.5	.5	.6	.7								0
3	.2	.4	.6	.8	1.0	1.2	1.3	1.5	1.7							0
4	.4	.7	1.0	1.4	1.7	2.0	2.3	2.7	3.0							0
5	.6	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.7	5.2						5
6	.8	1.5	2.3	3.0	3.7	4.5	5.2	6.0	6.7	7.4						5
7	1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1					16
8	1.4	2.7	4.0	5.3	6.6	7.9	9.2	10.5	11.9	13.2	14.5					20
9	1.7	3.4	5.0	6.7	8.3	10.0	11.7	13.3	15.0	16.7	18.3	20.0				13
10		4.1	6.2	8.2	10.3	12.3	14.4	16.4	18.5	20.5	22.6	24.6				15
11		5.0	7.5	10.0	12.4	14.9	17.4	19.9	22.4	24.8	27.3	29.8	32.3			23
12		6.0	8.9	11.9	14.8	17.8	20.7	23.7	26.6	29.6	32.5	35.5	38.4			17
13		7.0	10.4	13.9	17.4	20.8	24.3	27.8	31.2	34.7	38.2	41.6	45.1	48.5		18
14		8.1	12.1	16.1	20.1	24.2	28.2	32.2	36.2	40.2	44.2	48.3	52.3	56.3		18
15			13.9	18.5	23.1	27.7	32.3	36.9	41.6	46.2	50.8	55.4	60.0	64.6	69.2	13
16			15.8	21.0	26.3	31.5	36.8	42.0	47.3	52.5	57.8	63.0	68.3	73.5	78.8	10
17			17.8	23.7	29.7	35.6	41.5	47.4	53.4	59.3	65.2	71.1	77.1	83.0	88.9	11
18			20.0	26.6	33.3	39.9	46.5	53.2	59.8	66.5	73.1	79.7	86.4	93.0	99.7	13
19			22.2	29.6	37.0	44.4	51.8	59.2	66.6	74.0	81.4	88.8	96.2	103.6	111.0	3
20				32.8	41.0	49.2	57.4	65.6	73.8	82.0	90.2	98.4	106.6	114.8	123.0	5
21				36.2	45.2	54.3	63.3	72.4	81.4	90.4	99.5	108.5	117.6	126.6	135.6	4
22				39.7	49.7	59.6	69.5	79.4	89.3	99.3	109.2	119.1	129.0	138.9	148.9	1
23				43.4	54.3	65.1	75.9	86.8	97.6	108.5	119.3	130.2	141.0	151.8	162.7	3
24				47.3	59.1	70.9	82.7	94.5	106.3	118.1	129.9	141.7	153.5	165.3	177.1	0
25					64.1	76.9	89.7	102.5	115.3	128.2	141.0	153.8	166.6	179.4	192.2	1
26					69.3	83.2	97.0	110.9	124.8	138.6	152.5	166.3	180.2	194.0	207.9	1
27					74.8	89.7	104.6	119.6	134.5	149.5	164.4	179.4	194.3	209.2	224.2	0
28					80.4	96.5	112.5	128.6	144.7	160.7	176.8	192.9	209.0	225.0	241.1	0
29					86.2	103.5	120.7	138.0	155.2	172.4	189.7	206.9	224.1	241.4	258.6	0
30						110.7	129.2	147.6	166.1	184.5	203.0	221.4	239.9	258.3	276.8	0
31						118.2	137.9	157.6	177.3	197.0	216.7	236.4	256.1	275.8	295.5	0
32						126.0	147.0	168.0	188.9	209.9	230.9	251.9	272.9	293.9	314.9	0
33						134.0	156.3	178.6	200.9	223.3	245.6	267.9	290.2	312.5	334.9	0
34						142.2	165.9	189.6	213.3	237.0	260.7	284.4	308.1	331.8	355.5	0
35							175.8	200.9	226.0	251.1	276.2	301.4	326.5	351.6	376.7	0
36							186.0	212.6	239.1	265.7	292.3	318.8	345.4	371.9	398.5	0
37							196.5	224.5	252.6	280.7	308.7	336.8	364.8	392.9	421.0	0
38							207.2	236.8	266.4	296.0	325.6	355.2	384.8	414.4	444.0	0
39							218.3	249.5	280.6	311.8	343.0	374.2	405.3	436.5	467.7	0
40								262.4	295.2	328.0	360.8	393.6	426.4	459.2	492.0	0
41								275.7	310.1	344.6	379.1	413.5	448.0	482.4	516.9	0
42								289.3	325.5	361.6	397.8	433.9	470.1	506.2	542.4	0
43								303.2	341.1	379.0	416.9	454.8	492.7	530.6	568.5	0
44								317.5	357.2	396.9	436.5	476.2	515.9	555.6	595.3	0
45									373.6	415.1	456.6	498.1	539.6	581.1	622.6	0
46									390.4	433.8	477.1	520.5	563.9	607.2	650.6	0
47									407.5	452.8	498.1	543.4	588.7	633.9	679.2	0
48									425.1	472.3	519.5	566.7	614.0	661.2	708.4	0
49									443.0	492.2	541.4	590.6	639.8	689.0	738.2	0
50									461.2	512.5	563.7	615.0	666.2	717.4	768.7	0
BASIS TREES	0	9	38	50	45	37	22	13	4	2	0	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.1															0
2	.1	.2														0
3	.2	.4	.6													0
4	.4	.7	1.0	1.3												0
5	.6	1.1	1.6	2.0	2.5											5
6	.8	1.5	2.2	2.9	3.6	4.3										5
7	1.0	2.0	3.0	4.0	5.0	5.9	6.9									18
8	1.4	2.6	3.9	5.2	6.5	7.8	9.0	10.3								25
9	1.7	3.3	5.0	6.6	8.2	9.8	11.4	13.0	14.6							25
10		4.1	6.1	8.1	10.1	12.1	14.1	16.1	18.0							19
11		5.0	7.4	9.9	12.3	14.7	17.1	19.5	21.8	24.2						28
12		5.9	8.8	11.7	14.6	17.5	20.3	23.2	26.0	28.8						23
13		6.9	10.3	13.7	17.1	20.5	23.9	27.2	30.5	33.8	37.0					26
14		8.0	12.0	15.9	19.9	23.8	27.7	31.5	35.3	39.1	42.9					26
15			13.8	18.3	22.8	27.3	31.7	36.2	40.5	44.9	49.2	53.5				19
16			15.6	20.8	25.9	31.0	36.1	41.1	46.1	51.0	55.9	60.8				13
17			17.6	23.5	29.3	35.0	40.7	46.4	52.0	57.6	63.1	68.5	74.0			14
18			19.8	26.3	32.8	39.2	45.6	51.9	58.2	64.5	70.6	76.8	82.9			15
19			22.0	29.3	36.5	43.7	50.8	57.8	64.8	71.8	78.6	85.5	92.3	99.1		7
20				32.4	40.4	48.3	56.2	64.0	71.7	79.4	87.1	94.7	102.3	109.8		5
21				35.7	44.5	53.2	61.9	70.5	79.0	87.5	96.0	104.4	112.7	121.1	129.4	4
22				39.2	48.8	58.4	67.9	77.3	86.7	96.0	105.3	114.5	123.8	133.0	142.2	1
23				42.8	53.3	63.7	74.1	84.4	94.6	104.9	115.1	125.2	135.4	145.5	155.6	3
24				46.6	58.0	69.3	80.6	91.8	103.0	114.2	125.3	136.4	147.5	158.6	169.6	0
25					62.9	75.2	87.4	99.6	111.7	123.9	136.0	148.1	160.1	172.2	184.2	1
26					67.9	81.2	94.4	107.6	120.8	134.0	147.1	160.2	173.3	186.4	199.5	1
27					73.2	87.5	101.8	116.0	130.3	144.5	158.7	172.9	187.1	201.2	215.4	0
28					78.6	94.0	109.4	124.8	140.1	155.4	170.7	186.0	201.3	216.6	231.8	0
29					84.3	100.8	117.3	133.8	150.3	166.8	183.2	199.7	216.1	232.5	248.9	0
30						107.8	125.5	143.2	160.9	178.5	196.2	213.8	231.4	249.0	266.6	0
31						115.1	134.0	152.9	171.8	190.7	209.6	228.4	247.2	266.1	284.8	0
32						122.6	142.8	162.9	183.1	203.2	223.4	243.5	263.6	283.7	303.7	0
33						130.3	151.8	173.3	194.8	216.2	237.7	259.1	280.5	301.8	323.2	0
34						138.3	161.1	184.0	206.8	229.6	252.4	275.1	297.9	320.6	343.3	0
35							170.8	195.0	219.2	243.4	267.5	291.7	315.8	339.9	363.9	0
36							180.7	206.3	231.9	257.5	283.1	308.7	334.2	359.7	385.2	0
37							190.9	218.0	245.1	272.1	299.2	326.2	353.2	380.2	407.1	0
38							201.3	229.9	258.5	287.1	315.7	344.2	372.7	401.1	429.6	0
39							212.1	242.2	272.4	302.5	332.6	362.6	392.7	422.7	452.6	0
40								254.9	286.6	318.3	349.9	381.6	413.2	444.8	476.3	0
41								267.8	301.1	334.5	367.7	401.0	434.2	467.4	500.6	0
42								281.1	316.1	351.0	386.0	420.9	455.8	490.6	525.5	0
43								294.7	331.3	368.0	404.7	441.3	477.8	514.4	550.9	0
44								308.6	347.0	385.4	423.8	462.1	500.4	538.7	577.0	0
45									363.0	403.2	443.3	483.5	523.6	563.6	603.7	0
46									379.4	421.4	463.3	505.3	547.2	589.1	630.9	0
47									396.1	439.9	483.8	527.6	571.3	615.1	658.8	0
48									413.2	458.9	504.6	550.3	596.0	641.7	687.3	0
49									430.6	478.3	526.0	573.6	621.2	668.8	716.3	0
50									448.4	498.1	547.7	597.3	646.9	696.5	746.0	0
BASIS TREES	0	15	47	66	62	48	24	15	4	2	0	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.2	.3	.5	.6	.8											5
6	.5	.9	1.4	1.8	2.3	2.7										5
7	.7	1.5	2.3	3.1	3.8	4.6	5.4	.								16
8	1.0	2.1	3.3	4.4	5.5	6.6	7.8	8.9								20
9	1.3	2.8	4.3	5.8	7.3	8.8	10.3	11.8	13.3							18
10		3.5	5.4	7.4	9.3	11.2	13.1	15.0	17.0							15
11		4.3	6.7	9.1	11.4	13.8	16.2	18.5	20.9	23.2						22
12		5.2	8.0	10.9	13.7	16.6	19.4	22.3	25.1	28.0						17
13		6.1	9.5	12.9	16.2	19.6	23.0	26.4	29.7	33.1	36.5					18
14		7.1	11.0	15.0	18.9	22.8	26.8	30.7	34.7	38.6	42.5					18
15			12.7	17.2	21.8	26.3	30.9	35.4	39.9	44.5	49.0	53.6				13
16			14.5	19.7	24.8	30.0	35.2	40.4	45.6	50.7	55.9	61.1				10
17			16.4	22.2	28.1	34.0	39.8	45.7	51.5	57.4	63.3	69.1	75.0			11
18			18.4	24.9	31.5	38.1	44.7	51.3	57.9	64.5	71.0	77.6	84.2			13
19			20.5	27.8	35.2	42.5	49.9	57.2	64.6	71.9	79.3	86.6	94.0	101.3		3
20				30.8	39.0	47.1	55.3	63.4	71.6	79.7	87.9	96.0	104.2	112.4		5
21				34.0	43.0	52.0	61.0	70.0	79.0	88.0	97.0	106.0	115.0	124.0	133.0	4
22				37.3	47.2	57.1	67.0	76.9	86.7	96.6	106.5	116.4	126.3	136.1	146.0	1
23				40.8	51.6	62.4	73.2	84.0	94.8	105.6	116.4	127.3	138.1	148.9	159.7	3
24				44.4	56.2	68.0	79.8	91.5	103.3	115.1	126.8	138.6	150.4	162.1	173.9	0
25					61.0	73.8	86.6	99.3	112.1	124.9	137.7	150.4	163.2	176.0	188.8	1
26					66.0	79.8	93.6	107.5	121.3	135.1	148.9	162.8	176.6	190.4	204.2	1
27					71.2	86.1	101.0	115.9	130.8	145.7	160.6	175.6	190.5	205.4	220.3	0
28					76.5	92.6	108.6	124.7	140.7	156.8	172.8	188.8	204.9	220.9	237.0	0
29					82.1	99.3	116.5	133.7	151.0	168.2	185.4	202.6	219.8	237.0	254.2	0
30						106.3	124.7	143.1	161.6	180.0	198.4	216.8	235.3	253.7	272.1	0
31						113.5	133.2	152.9	172.5	192.2	211.9	231.6	251.2	270.9	290.6	0
32						121.0	141.9	162.9	183.9	204.8	225.8	246.8	267.7	288.7	309.6	0
33						128.6	150.9	173.2	195.5	217.8	240.1	262.4	284.7	307.0	329.3	0
34						136.6	160.2	183.9	207.6	231.2	254.9	278.6	302.3	325.9	349.6	0
35							169.8	194.9	220.0	245.1	270.2	295.2	320.3	345.4	370.5	0
36							179.6	206.2	232.7	259.3	285.8	312.4	338.9	365.5	392.0	0
37							189.8	217.8	245.8	273.9	301.9	330.0	358.0	386.1	414.1	0
38							200.2	229.7	259.3	288.9	318.5	348.1	377.6	407.2	436.8	0
39							210.8	242.0	273.2	304.3	335.5	366.6	397.8	428.9	460.1	0
40								254.6	287.3	320.1	352.9	385.7	418.5	451.2	484.0	0
41								267.5	301.9	336.3	370.8	405.2	439.7	474.1	508.5	0
42								280.7	316.8	352.9	389.1	425.2	461.4	497.5	533.7	0
43								294.2	332.1	370.0	407.8	445.7	483.6	521.5	559.4	0
44								308.0	347.7	387.4	427.0	466.7	506.4	546.0	585.7	0
45									363.7	405.2	446.7	488.2	529.7	571.1	612.6	0
46									380.0	423.4	466.7	510.1	553.5	596.8	640.2	0
47									396.7	442.0	487.3	532.5	577.8	623.1	668.3	0
48									413.8	461.0	508.2	555.4	602.6	649.9	697.1	0
49									431.2	480.4	529.6	578.8	628.0	677.2	726.4	0
50									449.0	500.2	551.5	602.7	653.9	705.2	756.4	0
BASIS TREES	0	9	38	49	45	37	22	13	4	2	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.2	.3	.5	.6	.7											5
6	.5	.9	1.3	1.8	2.2	2.7										5
7	.7	1.5	2.2	3.0	3.8	4.5	5.2									18
8	1.0	2.1	3.2	4.3	5.4	6.5	7.6	8.6								25
9	1.3	2.8	4.3	5.7	7.2	8.7	10.1	11.5	13.0							25
10		3.5	5.4	7.3	9.1	11.0	12.9	14.7	16.5							19
11		4.3	6.6	9.0	11.3	13.6	15.9	18.1	20.4	22.6						28
12		5.1	8.0	10.8	13.6	16.3	19.1	21.8	24.5	27.2						23
13		6.1	9.4	12.7	16.0	19.3	22.6	25.8	29.0	32.2	35.4					26
14		7.1	10.9	14.8	18.7	22.5	26.3	30.1	33.9	37.6	41.3					26
15			12.6	17.1	21.5	25.9	30.3	34.7	39.0	43.3	47.5	51.7				19
16			14.4	19.5	24.5	29.6	34.6	39.6	44.5	49.4	54.2	59.0				13
17			16.2	22.0	27.7	33.4	39.1	44.7	50.3	55.8	61.3	66.7	72.1			14
18			18.2	24.7	31.1	37.5	43.9	50.2	56.5	62.7	68.8	74.9	81.0			15
19			20.3	27.5	34.7	41.8	48.9	56.0	62.9	69.9	76.7	83.5	90.3	97.1		7
20				30.5	38.5	46.4	54.2	62.0	69.7	77.4	85.1	92.6	100.2	107.7		5
21				33.6	42.4	51.1	59.8	68.4	76.9	85.4	93.8	102.2	110.6	118.9	127.3	4
22				36.9	46.5	56.1	65.6	75.0	84.4	93.7	103.0	112.3	121.5	130.7	139.9	1
23				40.3	50.8	61.3	71.7	82.0	92.3	102.5	112.7	122.9	133.0	143.1	153.2	3
24				43.9	55.3	66.7	78.0	89.3	100.5	111.6	122.8	133.9	145.0	156.1	167.1	0
25					60.0	72.3	84.6	96.8	109.0	121.2	133.3	145.4	157.5	169.6	181.6	1
26					64.9	78.2	91.5	104.7	117.9	131.1	144.3	157.4	170.6	183.7	196.8	1
27					69.9	84.3	98.6	112.9	127.2	141.5	155.7	169.9	184.1	198.3	212.5	0
28					75.1	90.6	106.1	121.5	136.9	152.2	167.6	182.9	198.2	213.5	228.8	0
29					80.6	97.2	113.8	130.3	146.9	163.4	179.9	196.4	212.9	229.3	245.7	0
30						104.0	121.7	139.5	157.2	174.9	192.6	210.3	228.0	245.6	263.2	0
31						111.0	130.0	149.0	167.9	186.9	205.8	224.7	243.6	262.5	281.3	0
32						118.2	138.5	158.8	179.0	199.2	219.4	239.6	259.8	279.9	300.0	0
33						125.7	147.3	168.9	190.4	212.0	233.5	255.0	276.5	297.9	319.3	0
34						133.5	156.4	179.3	202.2	225.1	248.0	270.8	293.6	316.4	339.2	0
35							165.7	190.1	214.4	238.6	262.9	287.1	311.3	335.5	359.6	0
36							175.4	201.1	226.9	252.6	278.3	303.9	329.5	355.1	380.7	0
37							185.3	212.5	239.7	266.9	294.0	321.2	348.3	375.3	402.4	0
38							195.5	224.2	252.9	281.6	310.3	338.9	367.5	396.1	424.6	0
39							205.9	236.2	266.5	296.7	326.9	357.1	387.2	417.4	447.4	0
40								248.5	280.4	312.2	344.0	375.8	407.5	439.2	470.9	0
41								261.1	294.6	328.1	361.5	394.9	428.3	461.6	494.9	0
42								274.1	309.2	344.4	379.5	414.5	449.5	484.5	519.5	0
43								287.3	324.2	361.0	397.8	434.6	471.3	508.1	544.7	0
44								300.9	339.5	378.1	416.6	455.2	493.7	532.1	570.5	0
45									355.2	395.6	435.9	476.2	516.5	556.7	596.9	0
46									371.2	413.4	455.6	497.7	539.8	581.9	623.9	0
47									387.6	431.6	475.7	519.7	563.6	607.6	651.5	0
48									404.3	450.3	496.2	542.1	588.0	633.9	679.7	0
49									421.4	469.3	517.2	565.0	612.9	660.7	708.4	0
50									438.8	488.7	538.6	588.4	638.3	688.0	737.8	0
BASIS TREES	0	15	47	66	62	48	24	15	4	2	0	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.2	.4	.7	.9	1.2	1.4	1.7									13
8	.6	1.3	1.9	2.6	3.3	4.0	4.7	5.4								20
9	.9	2.1	3.2	4.3	5.5	6.6	7.8	8.9	10.0							18
10		2.9	4.5	6.1	7.7	9.3	10.9	12.5	14.1							15
11		3.8	5.9	8.0	10.1	12.2	14.3	16.4	18.4	20.5						22
12		4.7	7.3	9.9	12.5	15.2	17.8	20.4	23.0	25.6						17
13		5.7	8.8	12.0	15.2	18.3	21.5	24.7	27.8	31.0	34.2					18
14		6.7	10.5	14.2	18.0	21.7	25.5	29.2	33.0	36.7	40.5					18
15			12.2	16.6	20.9	25.3	29.7	34.0	38.4	42.8	47.1	51.5				13
16			14.0	19.0	24.1	29.1	34.1	39.1	44.2	49.2	54.2	59.3				10
17			15.9	21.7	27.4	33.1	38.8	44.6	50.3	56.0	61.7	67.4	73.2			11
18			18.0	24.4	30.9	37.3	43.8	50.3	56.7	63.2	69.6	76.1	82.5			13
19			20.1	27.3	34.6	41.8	49.0	56.3	63.5	70.7	77.9	85.2	92.4	99.6		3
20				30.4	38.4	46.5	54.5	62.6	70.6	78.6	86.7	94.7	102.8	110.8		5
21				33.6	42.5	51.4	60.3	69.2	78.1	87.0	95.8	104.7	113.6	122.5	131.4	4
22				36.9	46.7	56.5	66.3	76.1	85.9	95.7	105.4	115.2	125.0	134.8	144.6	1
23				40.5	51.2	61.9	72.6	83.3	94.0	104.7	115.5	126.2	136.9	147.6	158.3	3
24				44.1	55.8	67.5	79.2	90.9	102.5	114.2	125.9	137.6	149.3	161.0	172.7	0
25					60.6	73.3	86.0	98.7	111.4	124.1	136.8	149.5	162.2	174.9	187.6	1
26					65.6	79.4	93.1	106.9	120.6	134.4	148.1	161.9	175.6	189.4	203.1	1
27					70.8	85.7	100.5	115.3	130.2	145.0	159.9	174.7	189.6	204.4	219.2	0
28					76.2	92.2	108.2	124.1	140.1	156.1	172.1	188.0	204.0	220.0	236.0	0
29					81.8	98.9	116.1	133.2	150.4	167.5	184.7	201.8	219.0	236.1	253.3	0
30						105.9	124.3	142.7	161.0	179.4	197.7	216.1	234.5	252.8	271.2	0
31						113.2	132.8	152.4	172.0	191.6	211.2	230.9	250.5	270.1	289.7	0
32						120.6	141.5	162.5	183.4	204.3	225.2	246.1	267.0	287.9	308.8	0
33						128.3	150.6	172.8	195.1	217.3	239.6	261.8	284.1	306.3	328.5	0
34						136.3	159.9	183.5	207.1	230.8	254.4	278.0	301.6	325.2	348.9	0
35							169.5	194.5	219.5	244.6	269.6	294.7	319.7	344.7	369.8	0
36							179.3	205.8	232.3	258.8	285.3	311.8	338.3	364.8	391.3	0
37							189.5	217.5	245.5	273.4	301.4	329.4	357.4	385.4	413.4	0
38							199.9	229.4	258.9	288.5	318.0	347.6	377.1	406.6	436.2	0
39							210.6	241.7	272.8	303.9	335.0	366.1	397.3	428.4	459.5	0
40								254.3	287.0	319.7	352.5	385.2	418.0	450.7	483.4	0
41								267.2	301.6	336.0	370.4	404.8	439.2	473.6	508.0	0
42								280.4	316.5	352.6	388.7	424.8	460.9	497.0	533.1	0
43								293.9	331.8	369.6	407.5	445.3	483.2	521.0	558.9	0
44								307.8	347.4	387.0	426.7	466.3	505.9	545.6	585.2	0
45									363.4	404.9	446.3	487.8	529.2	570.7	612.1	0
46									379.7	423.1	466.4	509.7	553.1	596.4	639.7	0
47									396.5	441.7	486.9	532.2	577.4	622.6	667.9	0
48									413.5	460.7	507.9	555.1	602.3	649.4	696.6	0
49									431.0	480.1	529.3	578.5	627.6	676.8	726.0	0
50									448.7	500.0	551.2	602.4	653.6	704.8	756.0	0
BASIS TREES	0	5	31	49	45	37	22	13	4	2	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.2	.4	.7	.9	1.2	1.4	1.6									18
8	.6	1.2	1.9	2.6	3.3	4.0	4.6	5.3								25
9	.9	2.0	3.2	4.3	5.4	6.5	7.7	8.8	9.9							25
10		2.9	4.5	6.1	7.6	9.2	10.8	12.4	13.9							19
11		3.7	5.8	7.9	10.0	12.0	14.1	16.1	18.2	20.2						28
12		4.7	7.2	9.8	12.4	15.0	17.5	20.1	22.6	25.2						23
13		5.6	8.8	11.9	15.0	18.1	21.2	24.3	27.4	30.4	33.5					26
14		6.7	10.4	14.1	17.8	21.4	25.1	28.7	32.4	36.0	39.6					26
15			12.1	16.4	20.7	24.9	29.2	33.4	37.7	41.9	46.1	50.2				19
16			13.9	18.8	23.7	28.7	33.5	38.4	43.3	48.1	52.9	57.7				13
17			15.8	21.4	27.0	32.6	38.1	43.7	49.2	54.6	60.1	65.5	71.0			14
18			17.8	24.1	30.4	36.7	43.0	49.2	55.4	61.5	67.7	73.8	79.9			15
19			19.9	27.0	34.0	41.0	48.0	55.0	61.9	68.8	75.6	82.5	89.3	96.1		7
20				29.9	37.8	45.6	53.3	61.0	68.7	76.3	84.0	91.6	99.2	106.8		5
21				33.1	41.7	50.3	58.9	67.4	75.8	84.3	92.7	101.2	109.6	118.0	126.4	4
22				36.3	45.8	55.3	64.6	74.0	83.3	92.6	101.9	111.2	120.5	129.7	139.0	1
23				39.8	50.1	60.4	70.7	80.9	91.1	101.3	111.5	121.6	131.8	142.0	152.2	3
24				43.3	54.6	65.8	77.0	88.1	99.2	110.3	121.5	132.6	143.7	154.9	166.0	0
25					59.2	71.4	83.5	95.6	107.7	119.8	131.9	144.0	156.1	168.2	180.4	1
26					64.0	77.2	90.3	103.4	116.5	129.6	142.8	155.9	169.0	182.2	195.3	1
27					69.0	83.2	97.4	111.5	125.7	139.9	154.0	168.2	182.4	196.7	210.9	0
28					74.2	89.4	104.7	119.9	135.2	150.5	165.8	181.1	196.4	211.7	227.0	0
29					79.5	95.9	112.3	128.7	145.1	161.5	177.9	194.3	210.8	227.2	243.7	0
30						102.6	120.1	137.7	155.3	172.9	190.5	208.1	225.7	243.3	261.0	0
31						109.5	128.3	147.0	165.8	184.7	203.5	222.3	241.2	260.0	278.8	0
32						116.6	136.7	156.7	176.8	196.8	216.9	237.0	257.1	277.2	297.3	0
33						124.0	145.3	166.7	188.0	209.4	230.8	252.2	273.6	294.9	316.3	0
34						131.6	154.3	176.9	199.6	222.4	245.1	267.8	290.5	313.2	335.9	0
35							163.5	187.5	211.6	235.7	259.8	283.9	307.9	332.0	356.1	0
36							173.0	198.4	223.9	249.4	274.9	300.4	325.9	351.4	376.9	0
37							182.7	209.7	236.6	263.5	290.5	317.4	344.4	371.3	398.2	0
38							192.8	221.2	249.6	278.0	306.5	334.9	363.3	391.7	420.1	0
39							203.1	233.0	263.0	292.9	322.9	352.8	382.8	412.7	442.6	0
40								245.1	276.7	308.2	339.7	371.2	402.7	434.2	465.7	0
41								257.6	290.7	323.9	357.0	390.1	423.2	456.3	489.4	0
42								270.3	305.1	339.9	374.7	409.4	444.2	478.9	513.7	0
43								283.4	319.9	356.3	392.8	429.2	465.7	502.1	538.5	0
44								296.8	335.0	373.1	411.3	449.5	487.6	525.8	563.9	0
45									350.4	390.3	430.3	470.2	510.1	550.0	589.9	0
46									366.2	407.9	449.6	491.4	533.1	574.8	616.5	0
47									382.3	425.9	469.5	513.0	556.6	600.2	643.7	0
48									398.8	444.2	489.7	535.1	580.6	626.0	671.5	0
49									415.6	463.0	510.3	557.7	605.1	652.4	699.8	0
50									432.7	482.1	531.4	580.8	630.1	679.4	728.7	0
BASIS TREES	0	15	47	66	62	48	24	15	4	2	0	0	0	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.6	.9	1.3	1.6	1.9	2.3									13
8	1.5	3.4	5.2	7.1	8.9	10.8	12.6	14.5								20
9	3.3	7.5	11.6	15.7	19.8	23.9	28.0	32.1	36.3							18
10		12.4	19.3	26.2	33.0	39.9	46.8	53.6	60.5							15
11		18.1	28.1	38.1	48.1	58.1	68.2	78.2	88.2	98.2						22
12		24.3	37.8	51.3	64.8	78.4	91.9	105.4	118.9	132.4						17
13		31.1	48.4	65.8	83.1	100.4	117.7	135.1	152.4	169.7	187.1					18
14		38.5	59.9	81.4	102.8	124.3	145.7	167.2	188.6	210.1	231.5					18
15			72.2	98.1	124.0	149.9	175.8	201.6	227.5	253.4	279.3	305.2				13
16			85.3	116.0	146.6	177.2	207.8	238.5	269.1	299.7	330.3	361.0				10
17			99.3	135.0	170.6	206.3	242.0	277.6	313.3	349.0	384.6	420.3	456.0			11
18			114.1	155.1	196.1	237.1	278.2	319.2	360.2	401.2	442.2	483.2	524.2			13
19			129.7	176.4	223.1	269.7	316.4	363.0	409.7	456.4	503.0	549.7	596.3	643.0		3
20				198.8	251.4	304.0	356.7	409.3	461.9	514.5	567.1	619.7	672.3	724.9		6
21				222.4	281.2	340.1	399.0	457.9	516.7	575.6	634.5	693.3	752.2	811.1	870.0	4
22				247.1	312.5	378.0	443.4	508.8	574.3	639.7	705.1	770.6	836.0	901.4	966.9	1
23				272.9	345.2	417.5	489.9	562.2	634.5	706.8	779.1	851.4	923.7	996.0	1068.3	3
24				299.9	379.4	458.9	538.4	617.9	697.3	776.8	856.3	935.8	1015.3	1094.7	1174.2	0
25					415.1	502.0	589.0	676.0	762.9	849.9	936.8	1023.8	1110.8	1197.7	1284.7	1
26					452.2	546.9	641.7	736.4	831.2	925.9	1020.7	1115.4	1210.2	1304.9	1399.7	1
27					490.7	593.6	696.4	799.3	902.1	1005.0	1107.8	1210.7	1313.5	1416.4	1519.2	0
28					530.8	642.0	753.3	864.5	975.8	1087.0	1198.3	1309.5	1420.8	1532.1	1643.3	0
29					572.3	692.2	812.2	932.2	1052.1	1172.1	1292.1	1412.0	1532.0	1652.0	1771.9	0
30						744.2	873.2	1002.2	1131.2	1260.2	1389.2	1518.2	1647.1	1776.1	1905.1	0
31						798.0	936.3	1074.6	1212.9	1351.3	1489.6	1627.9	1766.2	1904.5	2042.9	0
32						853.5	1001.5	1149.5	1297.4	1445.4	1593.3	1741.3	1889.2	2037.2	2185.2	0
33						910.9	1068.8	1226.7	1384.6	1542.5	1700.4	1858.3	2016.2	2174.1	2332.0	0
34						970.0	1138.1	1306.3	1474.5	1642.6	1810.8	1979.0	2147.1	2315.3	2483.5	0
35							1209.6	1388.3	1567.0	1745.8	1924.5	2103.3	2282.0	2460.7	2639.5	0
36							1283.1	1472.7	1662.3	1852.0	2041.6	2231.2	2420.8	2610.4	2800.0	0
37							1358.8	1559.6	1760.4	1961.2	2162.0	2362.8	2563.6	2764.3	2965.1	0
38							1436.5	1648.8	1861.1	2073.4	2285.7	2498.0	2710.3	2922.6	3134.8	0
39							1516.3	1740.4	1964.5	2188.6	2412.7	2636.8	2860.9	3085.0	3309.1	0
40								1834.5	2070.7	2306.9	2543.1	2779.3	3015.5	3251.8	3488.0	0
41								1930.9	2179.5	2428.2	2676.8	2925.5	3174.1	3422.8	3671.4	0
42								2029.7	2291.1	2552.5	2813.9	3075.3	3336.6	3598.0	3859.4	0
43								2131.0	2405.4	2679.8	2954.3	3228.7	3503.1	3777.5	4052.0	0
44								2234.7	2522.4	2810.2	3098.0	3385.8	3673.6	3961.3	4249.1	0
45									2642.2	2943.6	3245.1	3546.5	3848.0	4149.4	4450.9	0
46									2764.6	3080.0	3395.5	3710.9	4026.3	4341.7	4657.2	0
47									2889.8	3219.5	3549.2	3878.9	4208.6	4538.3	4868.1	0
48									3017.7	3362.0	3706.3	4050.6	4394.9	4739.2	5083.5	0
49									3148.3	3507.5	3866.7	4225.9	4585.1	4944.4	5303.6	0
50									3281.6	3656.0	4030.5	4404.9	4779.3	5153.8	5528.2	0
BASIS TREES	0	4	32	49	44	37	22	14	4	2	0	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.2	.6	.9	1.2	1.5	1.8	2.2									14
8	1.5	3.2	5.0	6.7	8.4	10.1	11.9	13.7								25
9	3.2	7.2	11.0	14.8	18.5	22.2	26.0	30.0	34.1							25
10		11.9	18.3	24.5	30.6	36.7	42.9	49.4	56.1							19
11		17.3	26.6	35.5	44.3	52.9	61.8	71.1	80.7	90.8						27
12		23.3	35.7	47.7	59.2	70.7	82.4	94.6	107.5	120.8						23
13		29.8	45.6	60.8	75.5	89.9	104.6	119.9	136.1	153.0	170.4					27
14		36.8	56.3	75.0	92.9	110.4	128.2	146.8	166.4	187.1	208.5					26
15			67.8	90.1	111.4	132.2	153.2	175.2	198.5	223.0	248.6	274.9				19
16			80.0	106.3	131.2	155.3	179.7	205.1	232.2	260.8	290.7	321.6				13
17			92.9	123.3	152.0	179.7	207.5	236.6	267.6	300.4	334.8	370.5	406.9			14
18			106.6	141.4	174.1	205.4	236.8	269.6	304.6	341.8	380.9	421.5	463.1			15
19			121.1	160.5	197.3	232.4	267.5	304.1	343.2	385.0	428.9	474.6	521.6	569.4		7
20				180.5	221.6	260.7	299.6	340.1	383.5	429.9	478.9	529.9	582.4	636.0		6
21				201.5	247.2	290.3	333.1	377.7	425.4	476.6	530.7	587.3	645.5	705.1	765.5	4
22				223.5	273.9	321.2	368.0	416.8	469.0	525.0	584.5	646.7	710.9	776.6	843.4	1
23				246.5	301.7	353.5	404.4	457.3	514.2	575.3	640.2	708.2	778.6	850.7	924.0	3
24				270.5	330.8	387.0	442.2	499.5	561.0	627.2	697.8	771.8	848.5	927.2	1007.3	0
25					361.0	421.9	481.4	543.1	609.4	681.0	757.3	837.5	920.7	1006.1	1093.2	1
26					392.4	458.1	522.0	588.3	659.5	736.5	818.7	905.3	995.1	1087.5	1181.7	1
27					425.0	495.6	564.1	635.0	711.2	793.7	882.0	975.0	1071.7	1171.2	1272.8	0
28					458.8	534.4	607.6	683.2	764.6	852.7	947.2	1046.9	1150.6	1257.4	1366.6	0
29					493.7	574.6	652.5	733.0	819.6	913.5	1014.3	1120.8	1231.7	1346.0	1463.0	0
30						616.1	698.9	784.3	876.2	976.0	1083.3	1196.7	1315.0	1437.0	1561.9	0
31						658.9	746.7	837.1	934.5	1040.3	1154.2	1274.7	1400.5	1530.4	1663.4	0
32						703.0	796.0	891.5	994.4	1106.3	1226.9	1354.8	1488.3	1626.2	1767.5	0
33						748.5	846.7	947.4	1055.9	1174.1	1301.6	1436.8	1578.2	1724.3	1874.1	0
34						795.3	898.8	1004.9	1119.1	1243.7	1378.1	1520.9	1670.3	1824.8	1983.3	0
35							952.4	1063.9	1183.9	1315.0	1456.6	1607.1	1764.6	1927.7	2095.0	0
36							1007.4	1124.4	1250.4	1388.0	1536.9	1695.2	1861.1	2032.9	2209.3	0
37							1063.9	1186.5	1318.5	1462.8	1619.1	1785.4	1959.8	2140.5	2326.1	0
38							1121.8	1250.1	1388.3	1539.4	1703.2	1877.7	2060.7	2250.4	2445.5	0
39							1181.2	1315.2	1459.6	1617.7	1789.1	1971.9	2163.7	2362.7	2567.3	0
40								1381.9	1532.7	1697.8	1877.0	2068.2	2269.0	2477.4	2691.7	0
41								1450.1	1607.3	1779.6	1966.7	2166.5	2376.4	2594.3	2818.6	0
42								1519.9	1683.6	1863.2	2058.3	2266.8	2486.0	2713.7	2948.0	0
43								1591.2	1761.6	1948.5	2151.8	2369.2	2597.8	2835.3	3080.0	0
44								1664.1	1841.2	2035.6	2247.2	2473.5	2711.8	2959.4	3214.4	0
45									1922.4	2124.4	2344.4	2579.9	2827.9	3085.7	3351.3	0
46									2005.3	2215.0	2443.6	2688.4	2946.2	3214.4	3490.8	0
47									2089.8	2307.3	2544.6	2798.8	3066.7	3345.4	3632.7	0
48									2175.9	2401.4	2647.5	2911.2	3189.3	3478.7	3777.2	0
49									2263.7	2497.2	2752.2	3025.7	3314.1	3614.4	3924.1	0
50									2353.1	2594.8	2858.9	3142.2	3441.1	3752.4	4073.5	0
BASIS TREES	0	10	41	65	61	48	24	16	4	2	0	0	0	0	0	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.1	.3	.5	.7	.8	1.0	1.2									0
8	.9	2.1	3.2	4.4	5.5	6.7	7.8	9.0								0
9	2.3	5.1	7.8	10.6	13.4	16.2	19.0	21.8	24.6							12
10		9.0	14.0	18.9	23.9	28.9	33.8	38.8	43.8							15
11		13.7	21.3	28.9	36.5	44.1	51.7	59.3	66.9	74.5						22
12		19.1	29.7	40.3	51.0	61.6	72.2	82.8	93.4	104.1						17
13		25.1	39.1	53.1	67.1	81.1	95.1	109.1	123.1	137.1	151.1					18
14		31.8	49.5	67.2	84.9	102.7	120.4	138.1	155.8	173.6	191.3					18
15			60.7	82.5	104.3	126.1	147.9	169.6	191.4	213.2	235.0	256.8				13
16			72.9	99.0	125.2	151.4	177.5	203.7	229.8	256.0	282.1	308.3				10
17			85.9	116.7	147.6	178.5	209.3	240.2	271.0	301.9	332.7	363.6	394.4			11
18			99.8	135.6	171.5	207.4	243.2	279.1	314.9	350.8	386.7	422.5	458.4			13
19			114.5	155.7	196.9	238.1	279.2	320.4	361.6	402.8	444.0	485.1	526.3	567.5		3
20				176.9	223.7	270.5	317.4	364.2	411.0	457.8	504.6	551.4	598.2	645.1		6
21				199.3	252.0	304.8	357.6	410.3	463.1	515.8	568.6	621.4	674.1	726.9	779.6	4
22				222.8	281.8	340.9	399.9	458.9	517.9	576.9	635.9	694.9	753.9	812.9	871.9	1
23				247.5	313.1	378.7	444.2	509.8	575.4	641.0	706.5	772.1	837.7	903.3	968.8	3
24				273.4	345.8	418.3	490.7	563.2	635.6	708.0	780.5	852.9	925.4	997.8	1070.3	0
25					380.0	459.7	539.3	618.9	698.5	778.1	857.8	937.4	1017.0	1096.6	1176.2	1
26					415.7	502.8	589.9	677.0	764.1	851.2	938.4	1025.5	1112.6	1199.7	1286.8	1
27					452.8	547.7	642.6	737.6	832.5	927.4	1022.3	1117.2	1212.1	1307.0	1401.9	0
28					491.4	594.4	697.5	800.5	903.5	1006.5	1109.5	1212.5	1315.5	1418.5	1521.5	0
29					531.5	642.9	754.3	865.8	977.2	1088.6	1200.0	1311.5	1422.9	1534.3	1645.7	0
30						693.2	813.3	933.5	1053.6	1173.8	1293.9	1414.0	1534.2	1654.3	1774.5	0
31						745.2	874.4	1003.6	1132.7	1261.9	1391.1	1520.3	1649.4	1778.6	1907.8	0
32						799.0	937.5	1076.0	1214.6	1353.1	1491.6	1630.1	1768.6	1907.1	2045.6	0
33						854.6	1002.8	1150.9	1299.1	1447.2	1595.4	1743.6	1891.7	2039.9	2188.0	0
34						912.0	1070.1	1228.2	1386.3	1544.4	1702.5	1860.6	2018.8	2176.9	2335.0	0
35							1139.5	1307.9	1476.2	1644.6	1813.0	1981.4	2149.7	2318.1	2486.5	0
36							1211.0	1389.9	1568.9	1747.8	1926.8	2105.7	2284.7	2463.6	2642.5	0
37							1284.5	1474.4	1664.2	1854.0	2043.8	2233.7	2423.5	2613.3	2803.2	0
38							1360.2	1561.2	1762.2	1963.2	2164.3	2365.3	2566.3	2767.3	2968.3	0
39							1437.9	1650.4	1863.0	2075.5	2288.0	2500.5	2713.0	2925.5	3138.1	0
40								1742.1	1966.4	2190.7	2415.1	2639.4	2863.7	3088.0	3312.3	0
41								1836.1	2072.6	2309.0	2545.4	2781.9	3018.3	3254.7	3491.2	0
42								1932.5	2181.4	2430.3	2679.1	2928.0	3176.8	3425.7	3674.6	0
43								2031.4	2293.0	2554.5	2816.1	3077.7	3339.3	3600.9	3862.5	0
44								2132.6	2407.2	2681.8	2956.5	3231.1	3505.7	3780.4	4055.0	0
45									2524.2	2812.2	3100.1	3388.1	3676.1	3964.1	4252.1	0
46									2643.8	2945.5	3247.1	3548.8	3850.4	4152.0	4453.7	0
47									2766.2	3081.8	3397.4	3713.0	4028.6	4344.2	4659.9	0
48									2891.3	3221.2	3551.0	3880.9	4210.8	4540.7	4870.6	0
49									3019.1	3363.5	3708.0	4052.5	4396.9	4741.4	5085.9	0
50									3149.5	3508.9	3868.3	4227.6	4587.0	4946.3	5305.7	0
BASIS TREES	0	0	13	39	38	36	22	14	4	2	0	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
BLACKJACK PINE
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.1	.3	.5	.6	.8	1.0	1.1									14
8	.9	2.0	3.0	4.1	5.1	6.2	7.3	8.5								25
9	2.2	4.8	7.4	9.9	12.4	14.9	17.5	20.3	23.1							25
10		8.5	13.1	17.5	21.8	26.2	30.7	35.5	40.5							19
11		13.0	19.9	26.5	33.0	39.5	46.2	53.3	60.8	68.6						27
12		18.1	27.6	36.7	45.6	54.5	63.6	73.3	83.6	94.3						23
13		23.7	36.2	48.1	59.6	70.9	82.7	95.1	108.4	122.4	136.9					27
14		29.9	45.7	60.6	74.8	88.8	103.2	118.6	135.0	152.5	170.6					26
15			55.9	74.0	91.2	107.9	125.2	143.6	163.4	184.4	206.5	229.2				19
16			66.9	88.4	108.7	128.3	148.5	170.0	193.2	218.1	244.3	271.4				13
17			78.7	103.8	127.3	149.9	173.0	197.7	224.6	253.5	284.0	315.6	348.1			14
18			91.2	120.2	147.0	172.8	198.9	226.9	257.4	290.3	325.3	361.8	399.2			15
19			104.5	137.5	167.9	196.8	226.0	257.3	291.6	328.8	368.4	409.8	452.5	496.0		7
20				155.7	189.8	222.0	254.4	289.0	327.1	368.6	413.1	459.6	507.8	556.9		6
21				174.9	212.8	248.3	283.9	322.0	364.0	410.0	459.3	511.2	565.0	620.0	675.9	4
22				195.1	236.9	275.9	314.7	356.3	402.2	452.7	507.1	564.5	624.0	685.1	747.3	1
23				216.2	262.1	304.6	346.7	391.8	441.8	496.9	556.4	619.4	685.0	752.3	821.0	3
24				238.2	288.4	334.5	380.0	428.6	482.6	542.4	607.2	676.0	747.7	821.5	896.9	0
25					315.7	365.5	414.4	466.6	524.7	589.3	659.5	734.1	812.2	892.7	974.9	1
26					344.2	397.7	450.0	505.9	568.1	637.5	713.2	793.9	878.4	965.7	1055.0	1
27					373.7	431.0	486.9	546.4	612.8	687.1	768.3	855.2	946.3	1040.6	1137.2	0
28					404.3	465.6	524.9	588.1	658.8	738.0	824.9	918.1	1016.0	1117.4	1221.4	0
29					436.0	501.3	564.1	631.0	706.0	790.2	882.9	982.5	1087.3	1196.0	1307.7	0
30						538.1	604.6	675.2	754.4	843.8	942.3	1048.4	1160.2	1276.4	1395.9	0
31						576.1	646.2	720.6	804.2	898.6	1003.1	1115.8	1234.8	1358.6	1486.0	0
32						615.3	689.1	767.2	855.1	954.8	1065.3	1184.7	1311.0	1442.5	1578.1	0
33						655.6	733.1	815.0	907.4	1012.3	1128.9	1255.1	1388.8	1528.2	1672.0	0
34						697.1	778.3	864.0	960.8	1071.1	1193.8	1327.0	1468.2	1615.6	1767.9	0
35							824.8	914.3	1015.6	1131.1	1260.1	1400.3	1549.2	1704.8	1865.6	0
36							872.4	965.8	1071.5	1192.5	1327.8	1475.1	1631.7	1795.6	1965.1	0
37							921.2	1018.4	1128.7	1255.1	1396.8	1551.3	1715.8	1888.1	2066.5	0
38							971.2	1072.3	1187.2	1319.1	1467.2	1629.0	1801.5	1982.4	2169.7	0
39							1022.4	1127.5	1246.8	1384.3	1539.0	1708.1	1888.7	2078.3	2274.8	0
40								1183.8	1307.8	1450.8	1612.1	1788.7	1977.5	2175.8	2381.6	0
41								1241.3	1369.9	1518.5	1686.5	1870.7	2067.8	2275.1	2490.2	0
42								1300.1	1433.3	1587.6	1762.2	1954.1	2159.7	2375.9	2600.6	0
43								1360.0	1497.9	1657.9	1839.4	2039.0	2253.0	2478.5	2712.8	0
44								1421.2	1563.8	1729.5	1917.8	2125.2	2347.9	2582.6	2826.7	0
45									1630.8	1802.4	1997.6	2212.9	2444.3	2688.4	2942.4	0
46									1699.1	1876.5	2078.7	2302.0	2542.3	2795.8	3059.9	0
47									1768.7	1951.9	2161.1	2392.5	2641.7	2904.9	3179.1	0
48									1839.5	2028.6	2244.9	2484.5	2742.6	3015.5	3300.0	0
49									1911.5	2106.5	2330.0	2577.8	2845.1	3127.8	3422.7	0
50									1984.7	2185.7	2416.4	2672.5	2949.0	3241.7	3547.1	0
BASIS TREES	0	10	41	65	61	48	24	16	4	2	0	0	0	0	0	

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.5															0
2	.5	.6														0
3	.6	.8	.9													0
4	.7	1.0	1.3	1.6												0
5	.9	1.3	1.8	2.2	2.6											3
6	1.1	1.7	2.3	3.0	3.6	4.2										6
7	1.3	2.2	3.0	3.9	4.7	5.6	6.5									7
8	1.6	2.7	3.8	4.9	6.1	7.2	8.3	9.4								7
9	1.9	3.3	4.7	6.1	7.6	9.0	10.4	11.8	13.2							7
10		4.0	5.7	7.5	9.2	11.0	12.7	14.5	16.2							6
11		4.7	6.8	8.9	11.1	13.2	15.3	17.4	19.6	21.7						8
12		5.5	8.0	10.6	13.1	15.6	18.1	20.7	23.2	25.7						5
13		6.4	9.3	12.3	15.3	18.2	21.2	24.2	27.2	30.1	33.1					6
14		7.3	10.8	14.2	17.7	21.1	24.5	28.0	31.4	34.9	38.3					5
15			12.3	16.2	20.2	24.2	28.1	32.1	36.0	40.0	43.9	47.9				5
16			13.9	18.4	22.9	27.4	31.9	36.4	40.9	45.4	49.9	54.4				6
17			15.7	20.7	25.8	30.9	36.0	41.0	46.1	51.2	56.3	61.4	66.4			4
18			17.5	23.2	28.9	34.6	40.3	46.0	51.7	57.3	63.0	68.7	74.4			2
19			19.5	25.8	32.1	38.5	44.8	51.2	57.5	63.8	70.2	76.5	82.9	89.2		5
20				28.5	35.6	42.6	49.6	56.6	63.7	70.7	77.7	84.7	91.8	98.8		3
21				31.4	39.2	46.9	54.7	62.4	70.2	77.9	85.6	93.4	101.1	108.9	116.6	0
22				34.4	42.9	51.4	59.9	68.4	76.9	85.4	94.0	102.5	111.0	119.5	128.0	1
23				37.6	46.9	56.2	65.5	74.8	84.1	93.4	102.6	111.9	121.2	130.5	139.8	5
24				40.9	51.0	61.1	71.3	81.4	91.5	101.6	111.7	121.8	132.0	142.1	152.2	5
25					55.3	66.3	77.3	88.3	99.2	110.2	121.2	132.2	143.1	154.1	165.1	3
26					59.8	71.7	83.6	95.4	107.3	119.2	131.0	142.9	154.8	166.7	178.5	0
27					64.5	77.3	90.1	102.9	115.7	128.5	141.3	154.1	166.9	179.7	192.5	0
28					69.3	83.1	96.8	110.6	124.4	138.1	151.9	165.7	179.5	193.2	207.0	0
29					74.3	89.1	103.8	118.6	133.4	148.2	162.9	177.7	192.5	207.2	222.0	3
30						95.3	111.1	126.9	142.7	158.5	174.3	190.1	205.9	221.7	237.6	0
31						101.7	118.6	135.5	152.4	169.2	186.1	203.0	219.9	236.7	253.6	0
32						108.4	126.3	144.3	162.3	180.3	198.3	216.3	234.3	252.2	270.2	0
33						115.2	134.3	153.5	172.6	191.7	210.8	230.0	249.1	268.2	287.4	1
34						122.3	142.6	162.9	183.2	203.5	223.8	244.1	264.4	284.7	305.0	1
35							151.1	172.6	194.1	215.6	237.1	258.6	280.1	301.7	323.2	3
36							159.8	182.5	205.3	228.1	250.8	273.6	296.4	319.1	341.9	1
37							168.8	192.8	216.8	240.9	264.9	289.0	313.0	337.1	361.1	0
38							178.0	203.3	228.7	254.1	279.4	304.8	330.2	355.5	380.9	0
39							187.4	214.2	240.9	267.6	294.3	321.0	347.7	374.5	401.2	0
40								225.3	253.4	281.5	309.6	337.7	365.8	393.9	422.0	0
41								236.6	266.2	295.7	325.2	354.7	384.3	413.8	443.3	0
42								248.3	279.3	310.3	341.3	372.2	403.2	434.2	465.2	0
43								260.2	292.7	325.2	357.7	390.2	422.6	455.1	487.6	0
44								272.5	306.5	340.5	374.5	408.5	442.5	476.5	510.5	0
45									320.5	356.1	391.7	427.3	462.8	498.4	534.0	0
46									334.9	372.1	409.3	446.4	483.6	520.8	557.9	0
47									349.6	388.4	427.2	466.0	504.8	543.6	582.4	0
48									364.7	405.1	445.6	486.1	526.5	567.0	607.5	0
49									380.0	422.2	464.3	506.5	548.7	590.8	633.0	0
50									395.6	439.5	483.5	527.4	571.3	615.2	659.1	0
BASIS TREES	0	0	10	13	23	23	15	8	5	7	2	1	1	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.5															0
2	.5	.6														0
3	.6	.7	.9													0
4	.7	1.0	1.3	1.5												0
5	.9	1.3	1.7	2.2	2.6											0
6	1.1	1.7	2.3	2.9	3.6	4.2										3
7	1.3	2.1	3.0	3.8	4.7	5.5	6.4									6
8	1.5	2.7	3.8	4.9	6.0	7.1	8.2	9.3								7
9	1.8	3.2	4.7	6.1	7.4	8.8	10.2	11.6	13.0							7
10		3.9	5.6	7.4	9.1	10.8	12.5	14.2	15.9							7
11		4.6	6.7	8.8	10.9	13.0	15.0	17.1	19.1	21.2						6
12		5.4	7.9	10.4	12.9	15.3	17.8	20.2	22.7	25.1						8
13		6.3	9.2	12.1	15.0	17.9	20.8	23.6	26.5	29.3	32.1					5
14		7.2	10.6	14.0	17.3	20.7	24.0	27.3	30.6	33.8	37.0					6
15			12.1	16.0	19.8	23.6	27.4	31.2	34.9	38.6	42.3	45.9				6
16			13.7	18.1	22.5	26.8	31.1	35.4	39.6	43.8	47.9	52.0				5
17			15.4	20.4	25.3	30.1	35.0	39.8	44.5	49.2	53.8	58.4	62.9			7
18			17.2	22.8	28.3	33.7	39.1	44.4	49.7	54.9	60.0	65.1	70.1			5
19			19.1	25.3	31.4	37.4	43.4	49.3	55.1	60.9	66.5	72.1	77.6	83.0		2
20				27.9	34.7	41.4	47.9	54.4	60.8	67.1	73.4	79.5	85.5	91.4		5
21				30.7	38.1	45.5	52.7	59.8	66.8	73.7	80.4	87.1	93.6	100.0	106.4	3
22				33.7	41.8	49.8	57.6	65.4	73.0	80.5	87.8	95.0	102.1	109.0	115.9	1
23				36.7	45.5	54.2	62.8	71.2	79.4	87.5	95.4	103.2	110.8	118.3	125.7	1
24				39.9	49.5	58.9	68.1	77.2	86.1	94.8	103.3	111.6	119.8	127.9	135.8	5
25					53.5	63.7	73.7	83.4	93.0	102.3	111.4	120.4	129.1	137.7	146.2	5
26					57.8	68.7	79.4	89.9	100.1	110.0	119.8	129.3	138.7	147.9	157.0	4
27					62.1	73.9	85.3	96.5	107.4	118.0	128.4	138.5	148.5	158.3	168.0	0
28					66.7	79.2	91.4	103.3	114.9	126.2	137.2	148.0	158.6	169.0	179.4	0
29					71.3	84.7	97.7	110.3	122.6	134.6	146.3	157.7	168.9	180.0	191.0	0
30						90.3	104.1	117.5	130.5	143.2	155.5	167.6	179.5	191.3	202.9	4
31						96.1	110.8	124.9	138.6	152.0	165.0	177.8	190.4	202.8	215.2	0
32						102.1	117.5	132.5	146.9	161.0	174.7	188.2	201.5	214.7	227.8	0
33						108.2	124.5	140.2	155.4	170.2	184.6	198.8	212.9	226.8	240.7	1
34						114.5	131.6	148.1	164.1	179.6	194.8	209.7	224.5	239.2	253.9	1
35							138.8	156.1	172.9	189.2	205.1	220.8	236.4	251.9	267.4	3
36							146.2	164.4	181.9	199.0	215.7	232.2	248.6	264.9	281.3	1
37							153.8	172.7	191.1	208.9	226.5	243.8	261.1	278.3	295.5	0
38							161.5	181.3	200.4	219.1	237.5	255.7	273.8	291.9	310.0	0
39							169.3	189.9	209.9	229.5	248.7	267.8	286.8	305.9	325.0	0
40								198.8	219.6	240.0	260.1	280.2	300.1	320.1	340.2	0
41								207.8	229.5	250.8	271.8	292.8	313.7	334.8	355.9	0
42								216.9	239.5	261.7	283.7	305.7	327.7	349.7	371.9	0
43								226.2	249.8	272.9	295.9	318.9	341.9	365.0	388.3	0
44								235.7	260.2	284.3	308.3	332.3	356.4	380.7	405.1	0
45									270.7	295.9	320.9	346.0	371.3	396.7	422.3	0
46									281.5	307.7	333.8	360.1	386.5	413.1	439.8	0
47									292.4	319.7	347.0	374.4	402.0	429.8	457.8	0
48									303.6	332.0	360.4	389.0	417.9	446.9	476.2	0
49									314.9	344.5	374.1	403.9	434.0	464.4	495.0	0
50									326.5	357.2	388.1	419.2	450.6	482.3	514.2	0
BASIS TREES	0	0	10	13	23	26	15	10	5	8	2	1	1	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.7	1.0	1.2	1.5	1.8											3
6	.8	1.3	1.8	2.3	2.8	3.3										6
7	1.0	1.8	2.5	3.3	4.0	4.8	5.5									7
8	1.2	2.2	3.3	4.3	5.3	6.3	7.4	8.4								7
9	1.4	2.8	4.1	5.4	6.8	8.1	9.4	10.8	12.1							7
10		3.3	5.0	6.7	8.4	10.1	11.7	13.4	15.1							6
11		4.0	6.0	8.1	10.1	12.2	14.2	16.3	18.4	20.4						8
12		4.7	7.1	9.6	12.1	14.5	17.0	19.5	21.9	24.4						5
13		5.4	8.3	11.2	14.1	17.1	20.0	22.9	25.8	28.7	31.6					6
14		6.2	9.6	13.0	16.4	19.8	23.2	26.6	29.9	33.3	36.7					5
15			11.0	14.9	18.8	22.7	26.6	30.5	34.4	38.3	42.2	46.1				5
16			12.5	16.9	21.4	25.8	30.3	34.7	39.2	43.6	48.1	52.5				6
17			14.0	19.1	24.1	29.1	34.2	39.2	44.2	49.3	54.3	59.3	64.3			4
18			15.7	21.4	27.0	32.7	38.3	43.9	49.6	55.2	60.9	66.5	72.2			2
19			17.5	23.8	30.1	36.4	42.7	49.0	55.3	61.6	67.9	74.2	80.5	86.8		5
20				26.3	33.3	40.3	47.3	54.2	61.2	68.2	75.2	82.2	89.2	96.2		3
21				29.0	36.7	44.4	52.1	59.8	67.5	75.2	82.9	90.6	98.3	106.1	113.8	0
22				31.8	40.2	48.7	57.2	65.6	74.1	82.6	91.0	99.5	108.0	116.4	124.9	1
23				34.7	43.9	53.2	62.5	71.7	81.0	90.2	99.5	108.7	118.0	127.3	136.5	5
24				37.7	47.8	57.9	68.0	78.1	88.2	98.2	108.3	118.4	128.5	138.6	148.7	5
25					51.9	62.8	73.8	84.7	95.7	106.6	117.5	128.5	139.4	150.4	161.3	3
26					56.1	67.9	79.8	91.6	103.5	115.3	127.1	139.0	150.8	162.7	174.5	0
27					60.4	73.2	86.0	98.8	111.6	124.3	137.1	149.9	162.7	175.4	188.2	0
28					65.0	78.7	92.5	106.2	120.0	133.7	147.4	161.2	174.9	188.7	202.4	0
29					69.7	84.4	99.2	113.9	128.7	143.4	158.2	172.9	187.6	202.4	217.1	3
30						90.3	106.1	121.9	137.7	153.5	169.2	185.0	200.8	216.6	232.4	0
31						96.4	113.3	130.1	147.0	163.9	180.7	197.6	214.4	231.3	248.1	0
32						102.7	120.7	138.7	156.6	174.6	192.5	210.5	228.5	246.4	264.4	0
33						109.2	128.3	147.5	166.6	185.7	204.8	223.9	243.0	262.1	281.2	1
34						115.9	136.2	156.5	176.8	197.1	217.4	237.6	257.9	278.2	298.5	1
35							144.3	165.8	187.3	208.8	230.3	251.8	273.3	294.8	316.3	3
36							152.7	175.4	198.2	220.9	243.7	266.4	289.1	311.9	334.6	1
37							161.3	185.3	209.3	233.3	257.4	281.4	305.4	329.4	353.5	0
38							170.1	195.4	220.8	246.1	271.5	296.8	322.1	347.5	372.8	0
39							179.1	205.8	232.5	259.2	285.9	312.6	339.3	366.0	392.7	0
40								216.5	244.6	272.7	300.8	328.9	356.9	385.0	413.1	0
41								227.5	257.0	286.5	316.0	345.5	375.0	404.5	434.0	0
42								238.7	269.6	300.6	331.6	362.5	393.5	424.5	455.4	0
43								250.2	282.6	315.1	347.5	380.0	412.5	444.9	477.4	0
44								261.9	295.9	329.9	363.9	397.9	431.9	465.8	499.8	0
45									309.5	345.1	380.6	416.2	451.7	487.3	522.8	0
46									323.4	360.5	397.7	434.8	472.0	509.1	546.3	0
47									337.6	376.4	415.2	453.9	492.7	531.5	570.3	0
48									352.1	392.6	433.0	473.5	513.9	554.4	594.8	0
49									366.9	409.1	451.2	493.4	535.5	577.7	619.9	0
50									382.0	425.9	469.8	513.7	557.6	601.5	645.4	0
BASIS TREES	0	0	1	13	23	23	15	8	5	7	2	1	1	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.7	.9	1.2	1.5	1.8											3
6	.8	1.3	1.8	2.3	2.8	3.3										6
7	1.0	1.7	2.5	3.2	3.9	4.7	5.4									7
8	1.2	2.2	3.2	4.2	5.2	6.2	7.2	8.2								7
9	1.4	2.7	4.0	5.4	6.7	8.0	9.3	10.6	11.9							7
10		3.3	5.0	6.6	8.2	9.9	11.5	13.2	14.8							6
11		3.9	5.9	8.0	10.0	12.0	14.0	16.0	17.9	19.9						8
12		4.6	7.0	9.5	11.9	14.3	16.6	19.0	21.4	23.7						5
13		5.4	8.2	11.1	13.9	16.7	19.5	22.3	25.1	27.9	30.6					6
14		6.2	9.5	12.8	16.1	19.4	22.6	25.9	29.1	32.3	35.5					6
15			10.8	14.6	18.4	22.2	26.0	29.7	33.4	37.0	40.6	44.2				5
16			12.3	16.6	20.9	25.2	29.5	33.7	37.9	42.0	46.1	50.2				7
17			13.8	18.7	23.6	28.4	33.2	38.0	42.7	47.3	51.9	56.5	61.0			5
18			15.4	20.9	26.4	31.8	37.2	42.5	47.7	52.9	58.0	63.0	68.0			2
19			17.2	23.3	29.3	35.4	41.3	47.2	53.0	58.7	64.4	69.9	75.4	80.9		5
20				25.7	32.5	39.1	45.7	52.1	58.5	64.8	71.0	77.1	83.2	89.1		3
21				28.3	35.7	43.0	50.2	57.3	64.3	71.2	78.0	84.6	91.2	97.6	104.0	1
22				31.0	39.1	47.1	55.0	62.7	70.3	77.8	85.2	92.4	99.5	106.5	113.4	1
23				33.8	42.7	51.3	59.9	68.3	76.6	84.7	92.6	100.4	108.1	115.6	123.1	5
24				36.8	46.4	55.8	65.0	74.1	83.0	91.8	100.3	108.7	117.0	125.1	133.1	5
25					50.2	60.4	70.4	80.1	89.7	99.1	108.3	117.3	126.1	134.8	143.4	4
26					54.2	65.1	75.9	86.4	96.6	106.6	116.5	126.1	135.5	144.8	154.0	0
27					58.3	70.0	81.5	92.8	103.7	114.4	124.9	135.1	145.2	155.1	164.9	0
28					62.5	75.1	87.4	99.4	111.0	122.4	133.5	144.4	155.1	165.7	176.1	0
29					66.9	80.3	93.4	106.1	118.5	130.6	142.4	153.9	165.3	176.5	187.6	4
30						85.7	99.6	113.1	126.2	139.0	151.5	163.7	175.7	187.6	199.4	0
31						91.3	106.0	120.2	134.1	147.6	160.8	173.7	186.4	199.0	211.4	0
32						96.9	112.5	127.5	142.2	156.4	170.3	183.9	197.3	210.6	223.8	0
33						102.8	119.2	135.0	150.4	165.4	180.0	194.3	208.5	222.5	236.5	1
34						108.7	126.0	142.7	158.8	174.5	189.9	205.0	219.9	234.7	249.5	1
35							133.0	150.4	167.4	183.9	200.0	215.9	231.6	247.2	262.8	3
36							140.1	158.4	176.1	193.4	210.3	227.0	243.6	260.0	276.4	1
37							147.3	166.5	185.1	203.1	220.9	238.4	255.8	273.1	290.3	0
38							154.7	174.8	194.2	213.1	231.6	250.0	268.2	286.4	304.6	0
39							162.3	183.2	203.4	223.2	242.6	261.8	281.0	300.1	319.2	0
40								191.7	212.8	233.4	253.8	273.9	294.0	314.0	334.1	0
41								200.4	222.4	243.9	265.1	286.2	307.3	328.3	349.4	0
42								209.3	232.1	254.6	276.7	298.8	320.8	342.9	365.0	0
43								218.2	242.1	265.4	288.6	311.6	334.7	357.8	381.0	0
44								227.4	252.1	276.5	300.6	324.7	348.8	373.0	397.3	0
45									262.4	287.7	312.9	338.1	363.3	388.6	414.0	0
46									272.8	299.2	325.4	351.7	378.0	404.5	431.0	0
47									283.4	310.8	338.2	365.6	393.0	420.7	448.5	0
48									294.2	322.7	351.2	379.7	408.4	437.3	466.3	0
49									305.1	334.8	364.4	394.2	424.1	454.2	484.5	0
50									316.2	347.0	377.9	408.9	440.1	471.5	503.1	0
BASIS TREES	0	0	10	13	23	26	15	10	5	9	2	1	1	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.7	1.2	1.7	2.2	2.7	3.2	3.6									7
8	1.0	1.8	2.6	3.4	4.1	4.9	5.7	6.5								7
9	1.2	2.3	3.5	4.6	5.7	6.9	8.0	9.1	10.3							7
10		3.0	4.5	6.0	7.4	8.9	10.4	11.9	13.4							6
11		3.6	5.5	7.4	9.3	11.2	13.1	15.0	16.8	18.7						8
12		4.4	6.7	9.0	11.3	13.6	15.9	18.2	20.5	22.8						5
13		5.1	7.9	10.7	13.4	16.2	19.0	21.7	24.5	27.3	30.0					6
14		6.0	9.2	12.5	15.7	19.0	22.2	25.5	28.8	32.0	35.3					5
15			10.6	14.4	18.2	22.0	25.7	29.5	33.3	37.1	40.8	44.6				5
16			12.1	16.5	20.8	25.1	29.5	33.8	38.1	42.5	46.8	51.1				6
17			13.7	18.6	23.6	28.5	33.4	38.3	43.2	48.2	53.1	58.0	62.9			4
18			15.4	20.9	26.5	32.0	37.6	43.1	48.7	54.2	59.8	65.3	70.8			2
19			17.2	23.4	29.6	35.8	42.0	48.2	54.4	60.6	66.8	73.0	79.2	85.4		5
20				25.9	32.8	39.7	46.6	53.5	60.4	67.3	74.2	81.1	88.0	94.9		3
21				28.6	36.2	43.9	51.5	59.1	66.7	74.3	82.0	89.6	97.2	104.8	112.4	0
22				31.4	39.8	48.2	56.6	65.0	73.3	81.7	90.1	98.5	106.9	115.2	123.6	1
23				34.4	43.5	52.7	61.9	71.1	80.2	89.4	98.6	107.8	117.0	126.1	135.3	5
24				37.4	47.4	57.4	67.5	77.5	87.5	97.5	107.5	117.5	127.5	137.5	147.5	5
25					51.5	62.4	73.2	84.1	95.0	105.9	116.7	127.6	138.5	149.3	160.2	3
26					55.7	67.5	79.3	91.0	102.8	114.6	126.4	138.1	149.9	161.7	173.4	0
27					60.1	72.8	85.5	98.2	110.9	123.6	136.3	149.1	161.8	174.5	187.2	0
28					64.7	78.3	92.0	105.7	119.4	133.0	146.7	160.4	174.1	187.7	201.4	0
29					69.4	84.0	98.7	113.4	128.1	142.8	157.5	172.1	186.8	201.5	216.2	3
30						90.0	105.7	121.4	137.1	152.8	168.6	184.3	200.0	215.7	231.4	0
31						96.1	112.9	129.7	146.5	163.3	180.1	196.8	213.6	230.4	247.2	0
32						102.4	120.3	138.2	156.1	174.0	191.9	209.8	227.7	245.6	263.5	0
33						108.9	128.0	147.0	166.1	185.1	204.1	223.2	242.2	261.3	280.3	1
34						115.6	135.8	156.1	176.3	196.5	216.8	237.0	257.2	277.4	297.7	1
35							144.0	165.4	186.9	208.3	229.7	251.2	272.6	294.1	315.5	3
36							152.3	175.0	197.7	220.4	243.1	265.8	288.5	311.2	333.9	1
37							160.9	184.9	208.9	232.8	256.8	280.8	304.8	328.7	352.7	0
38							169.8	195.0	220.3	245.6	270.9	296.2	321.5	346.8	372.1	0
39							178.8	205.5	232.1	258.8	285.4	312.1	338.7	365.4	392.0	0
40								216.1	244.2	272.2	300.3	328.3	356.3	384.4	412.4	0
41								227.1	256.6	286.0	315.5	345.0	374.4	403.9	433.3	0
42								238.3	269.3	300.2	331.1	362.0	392.9	423.9	454.8	0
43								249.8	282.2	314.7	347.1	379.5	411.9	444.3	476.7	0
44								261.6	295.5	329.5	363.4	397.4	431.3	465.3	499.2	0
45									309.1	344.6	380.2	415.7	451.2	486.7	522.2	0
46									323.0	360.1	397.3	434.4	471.5	508.6	545.7	0
47									337.2	376.0	414.7	453.5	492.2	531.0	569.7	0
48									351.8	392.2	432.6	473.0	513.4	553.8	594.2	0
49									366.6	408.7	450.8	492.9	535.0	577.2	619.3	0
50									381.7	425.6	469.4	513.3	557.1	601.0	644.8	0
BASIS TREES	0	0	9	13	23	23	15	8	5	7	2	1	1	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.7	1.2	1.7	2.2	2.6	3.1	3.6									7
8	1.0	1.7	2.5	3.3	4.1	4.9	5.6	6.4								7
9	1.2	2.3	3.4	4.5	5.6	6.8	7.9	9.0	10.0							7
10		2.9	4.4	5.9	7.3	8.8	10.2	11.7	13.1							6
11		3.6	5.4	7.3	9.1	11.0	12.8	14.6	16.4	18.3						8
12		4.3	6.6	8.8	11.1	13.3	15.6	17.8	20.0	22.2						5
13		5.1	7.8	10.5	13.2	15.9	18.5	21.2	23.8	26.5	29.1					6
14		5.9	9.1	12.3	15.4	18.6	21.7	24.8	27.9	31.0	34.0					6
15			10.5	14.1	17.8	21.5	25.1	28.7	32.2	35.8	39.3	42.8				5
16			11.9	16.2	20.4	24.5	28.7	32.8	36.8	40.9	44.8	48.8				7
17			13.5	18.3	23.0	27.8	32.4	37.1	41.7	46.2	50.7	55.1	59.5			5
18			15.1	20.5	25.9	31.2	36.4	41.6	46.8	51.8	56.8	61.8	66.7			2
19			16.9	22.9	28.8	34.8	40.6	46.4	52.1	57.7	63.3	68.7	74.1	79.5		5
20				25.4	32.0	38.5	45.0	51.4	57.7	63.9	70.0	76.0	81.9	87.7		3
21				28.0	35.2	42.4	49.6	56.6	63.5	70.3	76.9	83.5	90.0	96.3	102.6	1
22				30.7	38.7	46.6	54.3	62.0	69.5	76.9	84.2	91.3	98.3	105.2	112.0	1
23				33.5	42.2	50.8	59.3	67.6	75.8	83.8	91.7	99.4	107.0	114.4	121.8	5
24				36.4	45.9	55.3	64.4	73.4	82.3	90.9	99.4	107.7	115.9	123.9	131.8	5
25					49.8	59.9	69.8	79.5	89.0	98.3	107.4	116.3	125.1	133.7	142.2	4
26					53.8	64.6	75.3	85.7	95.9	105.8	115.6	125.1	134.5	143.7	152.8	0
27					57.9	69.6	81.0	92.1	103.0	113.6	124.0	134.2	144.2	154.1	163.8	0
28					62.2	74.7	86.9	98.7	110.3	121.6	132.7	143.5	154.2	164.7	175.0	0
29					66.6	79.9	92.9	105.5	117.9	129.9	141.6	153.1	164.4	175.5	186.6	4
30						85.3	99.1	112.5	125.6	138.3	150.7	162.9	174.8	186.7	198.4	0
31						90.8	105.5	119.7	133.5	146.9	160.0	172.9	185.5	198.1	210.5	0
32						96.5	112.0	127.0	141.5	155.7	169.5	183.1	196.5	209.8	222.9	0
33						102.3	118.7	134.5	149.8	164.7	179.3	193.6	207.7	221.7	235.7	1
34						108.3	125.5	142.1	158.2	173.9	189.2	204.3	219.2	234.0	248.7	1
35							132.5	149.9	166.8	183.3	199.3	215.2	230.9	246.5	262.0	3
36							139.6	157.9	175.6	192.8	209.7	226.4	242.9	259.3	275.7	1
37							146.9	166.0	184.5	202.6	220.3	237.7	255.1	272.4	289.6	0
38							154.3	174.3	193.6	212.5	231.0	249.4	267.6	285.8	303.9	0
39							161.8	182.7	202.9	222.6	242.0	261.2	280.4	299.5	318.6	0
40								191.2	212.3	232.9	253.2	273.3	293.4	313.4	333.5	0
41								200.0	221.9	243.4	264.6	285.7	306.7	327.7	348.8	0
42								208.8	231.7	254.1	276.2	298.3	320.3	342.4	364.5	0
43								217.8	241.6	265.0	288.1	311.1	334.2	357.3	380.5	0
44								227.0	251.7	276.0	300.2	324.3	348.4	372.5	396.8	0
45									262.0	287.3	312.5	337.6	362.8	388.1	413.5	0
46									272.4	298.8	325.0	351.3	377.6	404.1	430.6	0
47									283.0	310.4	337.8	365.2	392.7	420.3	448.1	0
48									293.8	322.3	350.8	379.4	408.1	436.9	465.9	0
49									304.8	334.4	364.1	393.8	423.8	453.9	484.2	0
50									315.9	346.7	377.6	408.6	439.8	471.2	502.8	0
BASIS TREES	0	0	10	13	23	26	15	10	5	8	2	1	1	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.1	1.8	2.5	3.3	4.0	4.7	5.4									7
8	2.6	4.7	6.8	9.0	11.1	13.2	15.3	17.5								7
9	4.2	8.2	12.1	16.0	20.0	23.9	27.8	31.8	35.7							7
10		12.1	18.1	24.2	30.2	36.3	42.4	48.4	54.5							6
11		16.3	24.8	33.3	41.8	50.2	58.7	67.2	75.7	84.1						8
12		21.0	32.2	43.3	54.4	65.6	76.7	87.9	99.0	110.1						5
13		26.1	40.1	54.2	68.2	82.3	96.3	110.4	124.4	138.4	152.5					6
14		31.5	48.7	65.9	83.1	100.3	117.5	134.6	151.8	169.0	186.2					5
15			57.9	78.5	99.0	119.6	140.2	160.7	181.3	201.8	222.4	243.0				5
16			67.7	91.9	116.0	140.2	164.4	188.6	212.7	236.9	261.1	285.3				6
17			78.1	106.1	134.1	162.1	190.1	218.2	246.2	274.2	302.2	330.2	358.2			4
18			89.1	121.2	153.3	185.4	217.4	249.5	281.6	313.7	345.8	377.8	409.9			2
19			100.7	137.1	173.5	209.9	246.3	282.6	319.0	355.4	391.8	428.2	464.5	500.9		5
20				153.9	194.8	235.7	276.6	317.5	358.4	399.3	440.2	481.1	522.1	563.0		3
21				171.5	217.1	262.8	308.5	354.1	399.8	445.5	491.1	536.8	582.5	628.1	673.8	0
22				189.9	240.6	291.2	341.9	392.5	443.2	493.8	544.5	595.2	645.8	696.5	747.1	1
23				209.2	265.1	321.0	376.8	432.7	488.6	544.4	600.3	656.2	712.1	767.9	823.8	5
24				229.3	290.7	352.0	413.3	474.6	535.9	597.3	658.6	719.9	781.2	842.5	903.9	5
25					317.3	384.3	451.3	518.3	585.3	652.3	719.3	786.3	853.3	920.3	987.3	3
26					345.1	418.0	490.9	563.8	636.7	709.6	782.5	855.4	928.3	1001.2	1074.1	0
27					373.9	452.9	532.0	611.0	690.0	769.1	848.1	927.2	1006.2	1085.2	1164.3	0
28					403.8	489.2	574.6	660.0	745.4	830.8	916.2	1001.6	1087.0	1172.4	1257.8	0
29					434.7	526.7	618.7	710.8	802.8	894.8	986.8	1078.8	1170.8	1262.8	1354.8	3
30						565.6	664.5	763.3	862.1	961.0	1059.8	1158.6	1257.4	1356.3	1455.1	0
31						605.8	711.7	817.6	923.5	1029.4	1135.3	1241.2	1347.0	1452.9	1558.8	0
32						647.3	760.5	873.7	986.8	1100.0	1213.2	1326.4	1439.6	1552.7	1665.9	0
33						690.1	810.8	931.5	1052.2	1172.9	1293.6	1414.3	1535.0	1655.7	1776.4	1
34						734.2	862.7	991.1	1119.6	1248.0	1376.5	1504.9	1633.4	1761.8	1890.3	1
35							916.1	1052.5	1189.0	1325.4	1461.8	1598.3	1734.7	1871.1	2007.5	3
36							971.1	1115.7	1260.3	1405.0	1549.6	1694.3	1838.9	1983.6	2128.2	1
37							1027.6	1180.6	1333.7	1486.8	1639.9	1793.0	1946.1	2099.2	2252.2	0
38							1085.6	1247.4	1409.1	1570.9	1732.6	1894.4	2056.2	2217.9	2379.7	0
39							1145.2	1315.9	1486.5	1657.2	1827.8	1998.5	2169.2	2339.8	2510.5	0
40								1386.1	1565.9	1745.7	1925.5	2105.3	2285.1	2464.9	2644.7	0
41								1458.2	1647.3	1836.5	2025.7	2214.8	2404.0	2593.2	2782.3	0
42								1532.0	1730.8	1929.5	2128.3	2327.0	2525.8	2724.6	2923.3	0
43								1607.6	1816.2	2024.8	2233.4	2442.0	2650.5	2859.1	3067.7	0
44								1685.0	1903.6	2122.3	2340.9	2559.6	2778.2	2996.9	3215.5	0
45									1993.1	2222.0	2450.9	2679.9	2908.8	3137.7	3366.7	0
46									2084.5	2324.0	2563.4	2802.9	3042.3	3281.8	3521.3	0
47									2178.0	2428.2	2678.4	2928.6	3178.8	3429.0	3679.2	0
48									2273.4	2534.6	2795.8	3057.0	3318.2	3579.4	3840.6	0
49									2370.9	2643.3	2915.7	3188.1	3460.5	3733.0	4005.4	0
50									2470.4	2754.3	3038.1	3322.0	3605.8	3889.7	4173.5	0
BASIS TREES	0	0	4	13	23	23	15	8	5	7	2	1	1	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.0	1.7	2.5	3.2	3.9	4.7	5.4									7
8	2.3	4.4	6.5	8.6	10.8	13.0	15.1	17.3								7
9	3.6	7.3	11.2	15.1	19.2	23.2	27.2	31.3	35.3							7
10		10.3	16.1	22.2	28.4	34.7	40.9	47.2	53.5							6
11		13.2	21.1	29.5	38.1	46.9	55.7	64.6	73.4	82.2						2
12		15.9	26.0	36.8	48.0	59.5	71.1	82.8	94.6	106.3						5
13		18.2	30.5	43.8	57.8	72.2	86.9	101.7	116.6	131.5	146.4					4
14		20.3	34.7	50.5	67.3	84.8	102.7	121.0	139.3	157.7	176.1					4
15			38.5	56.8	76.5	97.2	118.6	140.3	162.4	184.5	206.7	228.8				4
16			42.0	62.8	85.5	109.5	134.2	159.8	185.7	211.9	238.1	264.3				4
17			45.4	68.7	94.3	121.6	150.1	179.5	209.4	239.7	270.2	300.8	331.3			5
18			48.8	74.6	103.2	133.8	166.1	199.4	233.5	268.1	303.1	338.2	373.2			2
19			52.3	80.5	112.1	146.2	182.2	219.6	258.0	297.1	336.6	376.5	416.5	456.5		5
20				86.6	121.2	158.8	198.6	240.1	282.9	326.6	371.0	415.7	460.7	505.8		2
21				92.9	130.6	171.6	215.3	261.1	308.4	356.8	406.1	455.9	506.1	556.5	606.9	1
22				99.4	140.2	184.8	232.5	282.5	334.4	387.7	442.0	497.1	552.6	608.4	664.4	1
23				106.1	150.0	198.3	250.0	304.4	361.0	419.2	478.7	539.1	600.1	661.6	723.4	5
24				113.1	160.2	212.1	267.9	326.7	388.1	451.3	516.1	582.0	648.7	716.0	783.7	5
25					170.6	226.2	286.1	349.5	415.7	484.1	554.3	625.8	698.3	771.6	845.2	2
26					181.3	240.7	304.8	372.7	443.9	517.5	593.2	670.4	748.9	828.3	908.3	2
27					192.2	255.4	323.8	396.4	472.5	551.5	632.8	715.9	800.4	886.0	972.5	4
28					203.4	270.5	343.1	420.5	501.7	586.0	673.2	762.1	852.8	944.8	1037.8	2
29					214.8	285.8	362.8	444.9	531.3	621.1	713.9	809.0	906.1	1004.6	1104.4	4
30						301.3	382.8	469.7	561.3	656.8	755.4	856.7	960.2	1065.4	1172.0	2
31						317.2	403.1	494.9	591.8	692.9	797.5	905.1	1015.1	1127.1	1240.7	2
32						333.3	423.7	520.5	622.7	729.5	840.2	954.2	1070.8	1189.7	1310.4	2
33						349.6	444.6	546.4	654.1	766.7	883.5	1003.9	1127.3	1253.2	1381.1	1
34						366.1	465.8	572.7	685.8	804.3	927.3	1054.3	1184.5	1317.5	1452.8	1
35							487.3	599.3	717.9	842.3	971.7	1105.3	1242.4	1382.7	1525.4	3
36							509.0	626.2	750.4	880.8	1016.6	1156.9	1301.1	1448.6	1599.0	1
37							531.0	653.4	783.3	919.8	1062.0	1209.1	1360.4	1515.3	1673.4	2
38							553.3	681.0	816.6	959.2	1107.9	1261.8	1420.4	1582.8	1748.7	2
39							575.8	708.8	850.2	999.0	1154.3	1315.2	1481.0	1651.1	1824.8	0
40								737.0	884.2	1039.3	1201.2	1369.1	1542.3	1720.0	1901.8	0
41								765.5	918.6	1080.0	1248.6	1423.6	1604.2	1789.7	1979.5	0
42								794.3	953.4	1121.0	1296.4	1478.6	1666.7	1860.1	2058.1	0
43								823.4	988.4	1162.5	1344.8	1534.1	1729.9	1931.2	2137.5	0
44								852.8	1023.9	1204.5	1393.6	1590.2	1793.6	2003.0	2217.6	0
45									1059.7	1246.8	1442.8	1646.9	1858.0	2075.4	2298.5	0
46									1095.8	1289.5	1492.6	1704.0	1922.9	2148.6	2380.1	0
47									1132.3	1332.6	1542.7	1761.7	1988.5	2222.3	2462.5	0
48									1169.2	1376.1	1593.4	1819.8	2054.6	2296.8	2545.6	0
49									1206.3	1420.1	1644.5	1878.5	2121.3	2371.8	2629.4	0
50									1243.9	1464.4	1696.0	1937.7	2188.5	2447.5	2713.9	0
BASIS TREES	0	0	4	13	23	25	15	9	5	8	2	1	1	0	0	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.1	1.5	1.9	2.3	2.8	3.2									0
8	1.7	3.0	4.4	5.8	7.2	8.5	9.9	11.3								0
9	2.9	5.7	8.4	11.1	13.8	16.6	19.3	22.0	24.7							5
10		8.8	13.2	17.6	22.0	26.5	30.9	35.3	39.7							6
11		12.4	18.8	25.2	31.6	38.1	44.5	50.9	57.3	63.7						8
12		16.4	25.1	33.8	42.5	51.2	59.9	68.6	77.3	86.0						5
13		20.9	32.1	43.4	54.6	65.9	77.1	88.4	99.6	110.9	122.1					6
14		25.8	39.8	53.9	67.9	82.0	96.0	110.1	124.2	138.2	152.3					5
15			48.2	65.3	82.4	99.5	116.6	133.7	150.8	167.9	185.0	202.2				5
16			57.2	77.6	98.0	118.4	138.8	159.2	179.6	200.0	220.4	240.9				6
17			66.8	90.7	114.7	138.6	162.6	186.6	210.5	234.5	258.4	282.4	306.3			4
18			77.0	104.8	132.5	160.3	188.0	215.7	243.5	271.2	299.0	326.7	354.4			2
19			87.9	119.7	151.5	183.2	215.0	246.7	278.5	310.3	342.0	373.8	405.6	437.3		5
20				135.5	171.5	207.5	243.6	279.6	315.6	351.6	387.6	423.7	459.7	495.7		3
21				152.1	192.7	233.2	273.7	314.2	354.7	395.2	435.8	476.3	516.8	557.3	597.8	0
22				169.7	214.9	260.2	305.4	350.7	395.9	441.2	486.4	531.7	576.9	622.2	667.4	1
23				188.0	238.3	288.5	338.7	388.9	439.1	489.3	539.6	589.8	640.0	690.2	740.4	5
24				207.3	262.7	318.1	373.5	429.0	484.4	539.8	595.2	650.6	706.1	761.5	816.9	5
25					288.2	349.1	410.0	470.8	531.7	592.5	653.4	714.2	775.1	835.9	896.8	3
26					314.9	381.4	447.9	514.5	581.0	647.5	714.0	780.6	847.1	913.6	980.1	0
27					342.6	415.0	487.5	559.9	632.3	704.8	777.2	849.6	922.0	994.5	1066.9	0
28					371.4	450.0	528.6	607.1	685.7	764.3	842.8	921.4	1000.0	1078.5	1157.1	0
29					401.3	486.3	571.2	656.2	741.1	826.0	911.0	995.9	1080.8	1165.8	1250.7	3
30						523.9	615.4	707.0	798.5	890.1	981.6	1073.1	1164.7	1256.2	1347.8	0
31						562.8	661.2	759.6	858.0	956.3	1054.7	1153.1	1251.5	1349.9	1448.2	0
32						603.1	708.5	814.0	919.4	1024.9	1130.3	1235.8	1341.2	1446.7	1552.1	0
33						644.7	757.4	870.2	982.9	1095.7	1208.4	1321.2	1433.9	1546.7	1659.5	1
34						687.6	807.9	928.2	1048.5	1168.7	1289.0	1409.3	1529.6	1649.9	1770.2	1
35							859.9	987.9	1116.0	1244.1	1372.1	1500.2	1628.2	1756.3	1884.3	3
36							913.4	1049.5	1185.6	1321.6	1457.7	1593.7	1729.8	1865.9	2001.9	1
37							968.6	1112.8	1257.1	1401.4	1545.7	1690.0	1834.3	1978.6	2122.9	0
38							1025.2	1178.0	1330.7	1483.5	1636.3	1789.0	1941.8	2094.5	2247.3	0
39							1083.5	1244.9	1406.4	1567.8	1729.3	1890.8	2052.2	2213.7	2375.1	0
40								1313.6	1484.0	1654.4	1824.8	1995.2	2165.6	2336.0	2506.4	0
41								1384.1	1563.7	1743.2	1922.8	2102.4	2281.9	2461.5	2641.0	0
42								1456.4	1645.4	1834.3	2023.3	2212.2	2401.2	2590.1	2779.1	0
43								1530.5	1729.1	1927.7	2126.2	2324.8	2523.4	2722.0	2920.6	0
44								1606.4	1814.8	2023.2	2231.7	2440.1	2648.6	2857.0	3065.5	0
45									1902.5	2121.1	2339.6	2558.2	2776.7	2995.2	3213.8	0
46									1992.3	2221.2	2450.0	2678.9	2907.8	3136.6	3365.5	0
47									2084.1	2323.5	2562.9	2802.4	3041.8	3281.2	3520.6	0
48									2177.9	2428.1	2678.3	2928.5	3178.8	3429.0	3679.2	0
49									2273.7	2535.0	2796.2	3057.4	3318.7	3579.9	3841.1	0
50									2371.6	2644.0	2916.5	3189.0	3461.5	3734.0	4006.5	0
BASIS TREES	0	0	0	5	16	23	15	8	5	7	2	1	1	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
DOUGLAS-FIR
LINCOLN-TONTO N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.0	1.4	1.9	2.3	2.7	3.2									7
8	1.4	2.7	4.1	5.6	7.0	8.4	9.8	11.2								7
9	2.3	4.9	7.6	10.4	13.2	16.0	18.9	21.7	24.5							7
10		7.1	11.4	15.9	20.5	25.2	29.8	34.4	39.0							6
11		9.2	15.2	21.7	28.4	35.2	42.1	48.9	55.7	62.4						8
12		11.0	18.9	27.5	36.6	45.8	55.2	64.6	73.9	83.2						5
13		12.3	22.0	32.9	44.5	56.6	68.8	81.0	93.3	105.5	117.6					6
14		13.2	24.6	37.8	52.1	67.1	82.4	97.9	113.4	128.8	144.2					6
15			26.7	42.1	59.2	77.2	95.9	114.8	133.9	153.0	171.9	190.8				5
16			28.1	45.8	65.6	86.9	109.0	131.7	154.6	177.6	200.5	223.3				6
17			29.1	49.0	71.6	96.2	121.9	148.5	175.4	202.6	229.7	256.8	283.7			5
18			29.9	51.8	77.2	105.0	134.5	165.1	196.3	227.8	259.5	291.1	322.5			2
19			30.3	54.3	82.5	113.6	146.9	181.6	217.2	253.3	289.7	326.1	362.4	398.5		5
20				56.7	87.6	122.0	159.1	198.0	238.1	279.0	320.3	361.7	403.1	444.4		3
21				58.9	92.5	130.3	171.2	214.4	259.1	304.9	351.2	397.9	444.6	491.3	537.8	1
22				61.0	97.2	138.4	183.2	230.7	280.2	330.9	382.5	434.6	486.9	539.2	591.3	1
23				63.0	101.9	146.4	195.1	247.0	301.2	357.1	414.1	471.7	529.7	587.9	646.0	5
24				64.9	106.4	154.2	206.9	263.2	322.3	383.4	445.8	509.2	573.2	637.4	701.6	5
25					110.9	162.0	218.6	279.3	343.3	409.7	477.8	547.0	617.1	687.5	758.1	3
26					115.2	169.6	230.1	295.4	364.3	436.0	509.8	585.1	661.3	738.2	815.3	0
27					119.3	177.0	241.4	311.2	385.2	462.4	542.0	623.3	705.9	789.4	873.3	0
28					123.3	184.2	252.6	326.9	405.9	488.6	574.1	661.7	750.8	841.0	931.8	0
29					127.1	191.3	263.6	342.4	426.5	514.7	606.2	700.1	795.8	892.9	990.8	4
30						198.1	274.3	357.7	446.9	540.7	638.2	738.5	841.0	945.1	1050.2	0
31						204.7	284.8	372.7	467.1	566.5	670.1	776.9	886.2	997.4	1110.0	0
32						211.0	295.0	387.5	487.0	592.1	701.9	815.3	931.5	1049.9	1170.0	0
33						217.2	305.0	402.0	506.7	617.5	733.4	853.4	976.7	1102.5	1230.2	1
34						223.0	314.7	416.3	526.0	642.6	764.8	891.5	1021.8	1155.1	1290.5	1
35							324.1	430.2	545.1	667.4	795.9	929.3	1066.8	1207.6	1351.0	3
36							333.2	443.8	563.9	692.0	826.7	966.9	1111.7	1260.1	1411.4	1
37							342.0	457.1	582.3	716.2	857.2	1004.3	1156.4	1312.5	1471.8	0
38							350.5	470.0	600.4	740.0	887.4	1041.4	1200.8	1364.7	1532.2	0
39							358.6	482.6	618.1	763.5	917.3	1078.2	1245.0	1416.7	1592.4	0
40								494.8	635.5	786.7	946.8	1114.6	1288.8	1468.4	1652.5	0
41								506.7	652.5	809.5	976.0	1150.7	1332.4	1520.0	1712.4	0
42								518.3	669.1	831.8	1004.8	1186.5	1375.7	1571.2	1772.1	0
43								529.4	685.4	853.8	1033.2	1221.8	1418.6	1622.1	1831.5	0
44								540.2	701.2	875.4	1061.1	1256.8	1461.1	1672.7	1890.7	0
45									716.6	896.6	1088.7	1291.4	1503.2	1723.0	1949.5	0
46									731.7	917.3	1115.8	1325.5	1545.0	1772.8	2008.0	0
47									746.3	937.6	1142.5	1359.2	1586.3	1822.3	2066.1	0
48									760.5	957.5	1168.7	1392.4	1627.1	1871.3	2123.9	0
49									774.2	976.9	1194.5	1425.2	1667.5	1920.0	2181.2	0
50									787.6	995.9	1219.8	1457.6	1707.5	1968.1	2238.1	0
BASIS TREES	0	0	4	13	23	25	15	9	5	8	2	1	1	0	0	

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.4															0
2	.4	.5														0
3	.5	.7	.9													0
4	.6	1.0	1.3	1.6												0
5	.8	1.3	1.8	2.3	2.7											3
6	1.0	1.7	2.4	3.1	3.8	4.5										11
7	1.3	2.2	3.2	4.1	5.0	6.0	6.9									11
8	1.6	2.8	4.0	5.3	6.5	7.7	8.9	10.2								6
9	1.9	3.4	5.0	6.6	8.1	9.7	11.2	12.8	14.3							6
10		4.2	6.1	8.0	9.9	11.8	13.8	15.7	17.6							6
11		5.0	7.3	9.6	11.9	14.3	16.6	18.9	21.2	23.5						4
12		5.9	8.6	11.4	14.2	16.9	19.7	22.4	25.2	28.0						7
13		6.8	10.1	13.3	16.5	19.8	23.0	26.3	29.5	32.8	36.0					1
14		7.9	11.6	15.4	19.1	22.9	26.7	30.4	34.2	37.9	41.7					4
15			13.3	17.6	21.9	26.2	30.5	34.9	39.2	43.5	47.8	52.1				4
16			15.1	20.0	24.9	29.8	34.7	39.6	44.5	49.4	54.4	59.3				4
17			17.0	22.5	28.1	33.6	39.1	44.7	50.2	55.8	61.3	66.9	72.4			1
18			19.0	25.2	31.4	37.6	43.8	50.1	56.3	62.5	68.7	74.9	81.1			1
19			21.1	28.0	35.0	41.9	48.8	55.7	62.7	69.6	76.5	83.4	90.4	97.3		2
20				31.0	38.7	46.4	54.0	61.7	69.4	77.1	84.7	92.4	100.1	107.7		3
21				34.2	42.6	51.1	59.5	68.0	76.5	84.9	93.4	101.8	110.3	118.8	127.2	2
22				37.5	46.8	56.0	65.3	74.6	83.9	93.2	102.5	111.7	121.0	130.3	139.6	0
23				40.9	51.1	61.2	71.4	81.5	91.7	101.8	111.9	122.1	132.2	142.4	152.5	3
24				44.5	55.6	66.6	77.7	88.7	99.8	110.8	121.9	132.9	144.0	155.0	166.1	2
25					60.3	72.3	84.3	96.2	108.2	120.2	132.2	144.2	156.2	168.2	180.2	0
26					65.2	78.1	91.1	104.1	117.0	130.0	143.0	155.9	168.9	181.9	194.8	0
27					70.3	84.2	98.2	112.2	126.2	140.2	154.1	168.1	182.1	196.1	210.1	0
28					75.5	90.6	105.6	120.6	135.7	150.7	165.7	180.8	195.8	210.9	225.9	0
29					81.0	97.1	113.3	129.4	145.5	161.6	177.8	193.9	210.0	226.2	242.3	0
30						103.9	121.2	138.4	155.7	173.0	190.2	207.5	224.7	242.0	259.3	0
31						110.9	129.4	147.8	166.2	184.7	203.1	221.5	240.0	258.4	276.8	0
32						118.2	137.8	157.5	177.1	196.7	216.4	236.0	255.7	275.3	294.9	0
33						125.7	146.5	167.4	188.3	209.2	230.1	251.0	271.9	292.8	313.6	0
34						133.4	155.5	177.7	199.9	222.1	244.2	266.4	288.6	310.7	332.9	0
35							164.8	188.3	211.8	235.3	258.8	282.3	305.8	329.3	352.8	0
36							174.3	199.2	224.1	248.9	273.8	298.6	323.5	348.3	373.2	0
37							184.1	210.4	236.7	262.9	289.2	315.4	341.7	367.9	394.2	0
38							194.2	221.9	249.6	277.3	305.0	332.7	360.4	388.1	415.8	0
39							204.5	233.7	262.9	292.1	321.2	350.4	379.6	408.8	437.9	0
40								245.8	276.5	307.2	337.9	368.6	399.3	430.0	460.7	0
41								258.3	290.5	322.8	355.0	387.2	419.5	451.7	484.0	0
42								271.0	304.8	338.7	372.5	406.3	440.2	474.0	507.8	0
43								284.0	319.5	355.0	390.4	425.9	461.4	496.8	532.3	0
44								297.4	334.5	371.7	408.8	445.9	483.1	520.2	557.3	0
45									349.9	388.7	427.6	466.4	505.2	544.1	582.9	0
46									365.6	406.2	446.8	487.4	527.9	568.5	609.1	0
47									381.7	424.0	466.4	508.8	551.1	593.5	635.9	0
48									398.1	442.2	486.4	530.6	574.8	619.0	663.2	0
49									414.8	460.8	506.9	552.9	599.0	645.0	691.1	0
50									431.9	479.8	527.8	575.7	623.7	671.6	719.6	0
BASIS TREES	0	0	19	19	14	9	12	6	2	0	0	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.4															0
2	.4	.5														0
3	.5	.7	.9													0
4	.6	.9	1.3	1.6												0
5	.8	1.3	1.8	2.2	2.7											4
6	1.0	1.7	2.4	3.1	3.8	4.4										12
7	1.3	2.2	3.1	4.1	5.0	5.9	6.9									12
8	1.6	2.8	4.0	5.2	6.4	7.6	8.8	10.0								6
9	1.9	3.4	4.9	6.5	8.0	9.5	11.1	12.6	14.1							9
10		4.1	6.0	7.9	9.8	11.7	13.6	15.5	17.3							7
11		4.9	7.2	9.5	11.8	14.0	16.3	18.6	20.9	23.1						5
12		5.8	8.5	11.2	13.9	16.6	19.3	22.0	24.7	27.4						8
13		6.7	9.9	13.0	16.2	19.4	22.5	25.7	28.8	32.0	35.1					1
14		7.7	11.4	15.0	18.7	22.4	26.0	29.7	33.3	36.9	40.6					6
15			13.0	17.2	21.4	25.5	29.7	33.9	38.0	42.2	46.3	50.5				6
16			14.7	19.4	24.2	28.9	33.6	38.4	43.1	47.8	52.5	57.1				5
17			16.5	21.8	27.2	32.5	37.8	43.1	48.4	53.6	58.9	64.1	69.4			1
18			18.4	24.4	30.3	36.2	42.2	48.1	53.9	59.8	65.7	71.5	77.3			1
19			20.4	27.0	33.6	40.2	46.7	53.3	59.8	66.3	72.7	79.2	85.6	92.0		3
20				29.8	37.1	44.3	51.5	58.7	65.9	73.0	80.1	87.2	94.2	101.2		3
21				32.7	40.7	48.6	56.5	64.4	72.2	80.0	87.7	95.5	103.2	110.8	118.5	2
22				35.7	44.4	53.1	61.7	70.2	78.7	87.2	95.6	104.0	112.4	120.7	129.0	0
23				38.8	48.3	57.7	67.0	76.3	85.5	94.7	103.8	112.9	121.9	130.9	139.9	3
24				42.1	52.3	62.5	72.6	82.6	92.5	102.4	112.2	122.0	131.7	141.4	151.1	2
25					56.5	67.4	78.3	89.0	99.7	110.3	120.9	131.4	141.8	152.2	162.6	0
26					60.8	72.5	84.2	95.7	107.1	118.5	129.8	141.0	152.2	163.3	174.4	0
27					65.2	77.8	90.2	102.5	114.8	126.9	139.0	150.9	162.8	174.7	186.4	0
28					69.8	83.2	96.4	109.6	122.6	135.5	148.3	161.1	173.7	186.3	198.8	0
29					74.5	88.7	102.8	116.8	130.6	144.3	158.0	171.5	184.9	198.2	211.5	0
30						94.4	109.4	124.2	138.9	153.4	167.8	182.1	196.3	210.5	224.5	0
31						100.3	116.1	131.8	147.3	162.7	177.9	193.0	208.0	223.0	237.8	0
32						106.3	123.0	139.6	155.9	172.1	188.2	204.2	220.0	235.8	251.4	0
33						112.5	130.1	147.5	164.8	181.9	198.8	215.6	232.3	248.9	265.4	0
34						118.7	137.3	155.7	173.8	191.8	209.6	227.3	244.8	262.3	279.7	0
35							144.7	164.0	183.1	201.9	220.7	239.2	257.7	276.1	294.3	0
36							152.3	172.5	192.5	212.3	232.0	251.5	270.8	290.1	309.3	0
37							160.0	181.2	202.2	222.9	243.5	264.0	284.3	304.5	324.7	0
38							167.9	190.1	212.1	233.8	255.4	276.8	298.1	319.3	340.5	0
39							176.0	199.2	222.2	244.9	267.5	289.9	312.2	334.4	356.6	0
40								208.5	232.5	256.2	279.8	303.3	326.6	349.9	373.1	0
41								217.9	243.0	267.8	292.5	317.0	341.4	365.8	390.1	0
42								227.6	253.7	279.7	305.4	331.0	356.5	382.0	407.4	0
43								237.5	264.7	291.7	318.6	345.4	372.0	398.6	425.2	0
44								247.5	275.9	304.1	332.1	360.0	387.8	415.6	443.4	0
45									287.3	316.7	345.9	375.0	404.0	433.0	462.0	0
46									299.0	329.5	360.0	390.3	420.6	450.9	481.1	0
47									310.9	342.7	374.4	406.0	437.5	469.1	500.6	0
48									323.0	356.1	389.0	422.0	454.8	487.7	520.6	0
49									335.3	369.7	404.0	438.3	472.5	506.8	541.1	0
50									347.9	383.7	419.3	455.0	490.6	526.3	562.0	0
BASIS TREES	0	0	22	23	17	12	14	6	2	0	0	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.6	.7	.8	.9											3
6	.7	1.1	1.5	1.9	2.3	2.7										11
7	1.0	1.7	2.4	3.1	3.8	4.5	5.2									11
8	1.2	2.3	3.3	4.3	5.4	6.4	7.4	8.5								6
9	1.5	2.9	4.3	5.7	7.1	8.5	9.9	11.2	12.6							6
10		3.6	5.3	7.1	8.9	10.7	12.5	14.2	16.0							6
11		4.3	6.5	8.7	10.9	13.1	15.3	17.5	19.7	21.9						4
12		5.1	7.7	10.4	13.0	15.7	18.4	21.0	23.7	26.3						7
13		5.9	9.1	12.2	15.4	18.5	21.7	24.8	28.0	31.1	34.3					1
14		6.8	10.5	14.2	17.9	21.5	25.2	28.9	32.6	36.2	39.9					4
15			12.0	16.3	20.5	24.8	29.0	33.3	37.5	41.7	46.0	50.2				4
16			13.7	18.5	23.4	28.2	33.1	37.9	42.7	47.6	52.4	57.3				4
17			15.4	20.9	26.4	31.9	37.3	42.8	48.3	53.8	59.3	64.8	70.2			1
18			17.3	23.4	29.6	35.7	41.9	48.1	54.2	60.4	66.5	72.7	78.8			1
19			19.2	26.1	33.0	39.8	46.7	53.6	60.4	67.3	74.2	81.1	87.9	94.8		2
20				28.9	36.5	44.1	51.7	59.4	67.0	74.6	82.2	89.9	97.5	105.1		2
21				31.8	40.2	48.6	57.1	65.5	73.9	82.3	90.7	99.1	107.5	116.0	124.4	2
22				34.9	44.1	53.4	62.6	71.9	81.1	90.3	99.6	108.8	118.1	127.3	136.6	0
23				38.1	48.2	58.3	68.4	78.5	88.7	98.8	108.9	119.0	129.1	139.2	149.3	3
24				41.5	52.5	63.5	74.5	85.5	96.5	107.5	118.6	129.6	140.6	151.6	162.6	2
25					56.9	68.9	80.8	92.8	104.8	116.7	128.7	140.6	152.6	164.5	176.5	0
26					61.6	74.5	87.4	100.4	113.3	126.2	139.2	152.1	165.0	178.0	190.9	0
27					66.4	80.3	94.3	108.2	122.2	136.1	150.1	164.0	178.0	191.9	205.9	0
28					71.4	86.4	101.4	116.4	131.4	146.4	161.4	176.4	191.4	206.4	221.4	0
29					76.5	92.6	108.7	124.8	140.9	157.0	173.1	189.2	205.4	221.5	237.6	0
30						99.1	116.3	133.6	150.8	168.1	185.3	202.5	219.8	237.0	254.2	0
31						105.8	124.2	142.6	161.0	179.4	197.8	216.3	234.7	253.1	271.5	0
32						112.7	132.3	152.0	171.6	191.2	210.8	230.4	250.0	269.7	289.3	0
33						119.9	140.7	161.6	182.5	203.3	224.2	245.1	265.9	286.8	307.6	0
34						127.2	149.4	171.5	193.7	215.8	238.0	260.1	282.3	304.4	326.6	0
35							158.3	181.8	205.2	228.7	252.2	275.6	299.1	322.6	346.1	0
36							167.4	192.3	217.1	241.9	266.8	291.6	316.5	341.3	366.1	0
37							176.9	203.1	229.3	255.6	281.8	308.0	334.3	360.5	386.8	0
38							186.5	214.2	241.9	269.6	297.2	324.9	352.6	380.3	407.9	0
39							196.5	225.6	254.8	283.9	313.1	342.2	371.4	400.5	429.7	0
40								237.3	268.0	298.7	329.3	360.0	390.7	421.3	452.0	0
41								249.3	281.5	313.8	346.0	378.2	410.4	442.7	474.9	0
42								261.6	295.4	329.2	363.1	396.9	430.7	464.5	498.3	0
43								274.2	309.6	345.1	380.5	416.0	451.4	486.9	522.3	0
44								287.1	324.2	361.3	398.4	435.5	472.7	509.8	546.9	0
45									339.1	377.9	416.7	455.6	494.4	533.2	572.0	0
46									354.3	394.9	435.5	476.0	516.6	557.2	597.7	0
47									369.9	412.2	454.6	496.9	539.3	581.6	624.0	0
48									385.8	429.9	474.1	518.3	562.5	606.6	650.8	0
49									402.0	448.0	494.1	540.1	586.1	632.2	678.2	0
50									418.6	466.5	514.4	562.4	610.3	658.2	706.2	0
BASIS TREES	0	0	19	19	14	9	11	6	2	0	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.6	.7	.8	.9											4
6	.7	1.1	1.5	1.9	2.3	2.7										12
7	1.0	1.7	2.4	3.1	3.8	4.5	5.2									12
8	1.2	2.2	3.3	4.3	5.3	6.3	7.4	8.4								6
9	1.5	2.8	4.2	5.6	7.0	8.3	9.7	11.1	12.5							9
10		3.5	5.3	7.0	8.8	10.5	12.3	14.0	15.8							7
11		4.2	6.4	8.5	10.7	12.9	15.0	17.2	19.4	21.5						5
12		5.0	7.6	10.2	12.8	15.4	18.0	20.6	23.2	25.8						3
13		5.8	8.9	12.0	15.0	18.1	21.2	24.3	27.3	30.4	33.4					1
14		6.7	10.3	13.9	17.4	21.0	24.6	28.2	31.7	35.3	38.8					6
15			11.7	15.9	20.0	24.1	28.2	32.3	36.4	40.5	44.6	48.6				6
16			13.3	18.0	22.7	27.4	32.0	36.7	41.3	46.0	50.6	55.2				5
17			15.0	20.3	25.5	30.8	36.1	41.3	46.5	51.7	56.9	62.1	67.3			1
18			16.7	22.6	28.5	34.4	40.3	46.1	52.0	57.8	63.6	69.4	75.2			1
19			18.5	25.1	31.7	38.2	44.7	51.2	57.7	64.1	70.6	77.0	83.4	89.7		3
20				27.7	34.9	42.2	49.3	56.5	63.6	70.7	77.8	84.8	91.9	98.9		3
21				30.4	38.4	46.3	54.1	62.0	69.8	77.6	85.3	93.0	100.7	108.4	116.0	2
22				33.2	41.9	50.5	59.1	67.7	76.2	84.6	93.1	101.5	109.8	118.2	126.4	0
23				36.2	45.6	55.0	64.3	73.6	82.8	92.0	101.1	110.2	119.2	128.2	137.2	3
24				39.2	49.4	59.6	69.6	79.7	89.6	99.5	109.4	119.2	128.9	138.6	148.3	2
25					53.4	64.3	75.2	86.0	96.7	107.3	117.9	128.4	138.9	149.3	159.7	0
26					57.4	69.2	80.9	92.4	103.9	115.3	126.7	137.9	149.1	160.3	171.4	0
27					61.7	74.2	86.7	99.1	111.4	123.5	135.7	147.7	159.6	171.5	183.3	0
28					66.0	79.4	92.7	105.9	119.0	132.0	144.9	157.7	170.4	183.0	195.6	0
29					70.4	84.8	98.9	113.0	126.9	140.6	154.3	167.9	181.4	194.8	208.1	0
30						90.2	105.3	120.2	134.9	149.5	164.0	178.4	192.7	206.9	221.0	0
31						95.9	111.8	127.5	143.1	158.6	173.9	189.1	204.2	219.2	234.1	0
32						101.6	118.5	135.1	151.6	167.9	184.1	200.1	216.1	231.9	247.6	0
33						107.5	125.3	142.9	160.2	177.4	194.5	211.4	228.1	244.8	261.4	0
34						113.6	132.3	150.8	169.1	187.2	205.1	222.9	240.5	258.0	275.5	0
35							139.5	158.9	178.1	197.1	215.9	234.6	253.2	271.6	289.9	0
36							146.8	167.2	187.3	207.3	227.0	246.6	266.1	285.4	304.7	0
37							154.3	175.6	196.8	217.7	238.4	258.9	279.3	299.6	319.8	0
38							161.9	184.3	206.4	228.3	250.0	271.5	292.8	314.1	335.2	0
39							169.7	193.1	216.3	239.1	261.8	284.3	306.7	328.9	351.0	0
40								202.1	226.3	250.2	273.9	297.4	320.8	344.1	367.2	0
41								211.3	236.6	261.5	286.3	310.8	335.3	359.6	383.8	0
42								220.7	247.0	273.1	298.9	324.5	350.0	375.4	400.7	0
43								230.3	257.7	284.8	311.8	338.5	365.1	391.6	418.1	0
44								240.0	268.6	296.9	324.9	352.8	380.6	408.2	435.8	0
45									279.7	309.1	338.3	367.4	396.3	425.2	454.0	0
46									291.0	321.6	352.0	382.3	412.4	442.5	472.5	0
47									302.5	334.4	366.0	397.5	428.9	460.2	491.5	0
48									314.3	347.4	380.3	413.0	445.7	478.3	510.9	0
49									326.2	360.6	394.8	428.9	462.9	496.8	530.7	0
50									338.4	374.1	409.6	445.0	480.4	515.7	551.0	0
BASIS TREES	0	0	22	23	17	12	14	6	2	0	0	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.6	.7	.9	1.0	1.2	1.4									11
8	.8	1.4	1.9	2.5	3.1	3.7	4.3	4.9								6
9	1.1	2.1	3.1	4.2	5.2	6.2	7.2	8.2	9.2							6
10		2.9	4.4	5.8	7.3	8.7	10.2	11.7	13.1							6
11		3.7	5.6	7.6	9.5	11.4	13.3	15.3	17.2	19.1						4
12		4.6	7.0	9.4	11.8	14.2	16.6	19.1	21.5	23.9						7
13		5.5	8.4	11.3	14.3	17.2	20.1	23.1	26.0	28.9	31.9					1
14		6.4	9.9	13.4	16.9	20.4	23.9	27.3	30.8	34.3	37.8					4
15			11.5	15.6	19.6	23.7	27.8	31.8	35.9	40.0	44.0	48.1				4
16			13.2	17.9	22.6	27.3	31.9	36.6	41.3	46.0	50.7	55.4				4
17			15.0	20.3	25.7	31.0	36.3	41.7	47.0	52.3	57.7	63.0	68.3			1
18			16.9	22.9	28.9	34.9	41.0	47.0	53.0	59.0	65.1	71.1	77.1			1
19			18.8	25.6	32.3	39.1	45.8	52.6	59.3	66.1	72.8	79.6	86.3	93.1		2
20				28.4	35.9	43.4	51.0	58.5	66.0	73.5	81.0	88.5	96.0	103.5		3
21				31.4	39.7	48.0	56.3	64.6	72.9	81.2	89.5	97.9	106.2	114.5	122.8	2
22				34.5	43.6	52.8	61.9	71.1	80.2	89.4	98.5	107.6	116.8	125.9	135.1	0
23				37.7	47.8	57.8	67.8	77.8	87.8	97.8	107.9	117.9	127.9	137.9	147.9	3
24				41.1	52.1	63.0	73.9	84.8	95.8	106.7	117.6	128.5	139.5	150.4	161.3	2
25					56.5	68.4	80.3	92.1	104.0	115.9	127.8	139.6	151.5	163.4	175.2	0
26					61.2	74.0	86.9	99.8	112.6	125.5	138.3	151.2	164.0	176.9	189.7	0
27					66.0	79.9	93.8	107.6	121.5	135.4	149.3	163.2	177.0	190.9	204.8	0
28					71.0	86.0	100.9	115.8	130.8	145.7	160.7	175.6	190.5	205.5	220.4	0
29					76.2	92.2	108.3	124.3	140.4	156.4	172.4	188.5	204.5	220.5	236.6	0
30						98.7	115.9	133.1	150.3	167.4	184.6	201.8	219.0	236.1	253.3	0
31						105.5	123.8	142.2	160.5	178.8	197.2	215.5	233.9	252.2	270.6	0
32						112.4	132.0	151.5	171.1	190.6	210.2	229.8	249.3	268.9	288.4	0
33						119.5	140.4	161.2	182.0	202.8	223.6	244.4	265.2	286.0	306.8	0
34						126.9	149.0	171.1	193.2	215.3	237.4	259.5	281.6	303.7	325.8	0
35							157.9	181.4	204.8	228.2	251.6	275.1	298.5	321.9	345.3	0
36							167.1	191.9	216.7	241.5	266.3	291.1	315.8	340.6	365.4	0
37							176.5	202.7	228.9	255.1	281.3	307.5	333.7	359.9	386.1	0
38							186.2	213.9	241.5	269.1	296.8	324.4	352.0	379.7	407.3	0
39							196.2	225.3	254.4	283.5	312.6	341.7	370.8	399.9	429.1	0
40								237.0	267.6	298.2	328.9	359.5	390.1	420.8	451.4	0
41								249.0	281.2	313.4	345.6	377.7	409.9	442.1	474.3	0
42								261.3	295.1	328.9	362.6	396.4	430.2	464.0	497.8	0
43								273.9	309.3	344.7	380.1	415.6	451.0	486.4	521.8	0
44								286.8	323.9	361.0	398.0	435.1	472.2	509.3	546.4	0
45									338.8	377.6	416.4	455.2	493.9	532.7	571.5	0
46									354.0	394.6	435.1	475.6	516.2	556.7	597.2	0
47									369.6	411.9	454.2	496.6	538.9	581.2	623.5	0
48									385.5	429.6	473.8	517.9	562.1	606.2	650.4	0
49									401.7	447.7	493.7	539.7	585.8	631.8	677.8	0
50									418.3	466.2	514.1	562.0	609.9	657.8	705.7	0
BASIS TREES	0	0	12	17	14	9	12	6	2	0	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.6	.7	.9	1.0	1.2	1.3									12
8	.8	1.3	1.9	2.5	3.1	3.7	4.2	4.8								6
9	1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1							9
10		2.9	4.3	5.7	7.2	8.6	10.0	11.5	12.9							7
11		3.7	5.6	7.4	9.3	11.2	13.1	15.0	16.9	18.7						5
12		4.5	6.9	9.2	11.6	13.9	16.3	18.7	21.0	23.4						8
13		5.4	8.2	11.1	14.0	16.8	19.7	22.5	25.4	28.2	31.1					1
14		6.3	9.7	13.1	16.5	19.9	23.2	26.6	30.0	33.3	36.7					6
15			11.2	15.2	19.1	23.0	27.0	30.9	34.8	38.7	42.6	46.5				6
16			12.8	17.4	21.9	26.4	30.9	35.4	39.9	44.4	48.8	53.3				5
17			14.5	19.7	24.8	29.9	35.0	40.1	45.2	50.3	55.3	60.4	65.4			1
18			16.3	22.1	27.8	33.6	39.3	45.0	50.7	56.4	62.1	67.8	73.4			1
19			18.1	24.6	31.0	37.4	43.8	50.2	56.5	62.9	69.2	75.5	81.7	88.0		3
20				27.2	34.3	41.4	48.5	55.5	62.5	69.5	76.5	83.4	90.4	97.3		3
21				29.9	37.8	45.6	53.3	61.1	68.8	76.4	84.1	91.7	99.3	106.8	114.4	2
22				32.8	41.4	49.9	58.4	66.8	75.2	83.6	91.9	100.2	108.5	116.7	124.9	0
23				35.7	45.1	54.3	63.6	72.8	81.9	91.0	100.0	109.0	118.0	126.9	135.8	3
24				38.8	48.9	59.0	69.0	78.9	88.8	98.6	108.3	118.1	127.7	137.4	146.9	2
25					52.9	63.7	74.5	85.2	95.8	106.4	116.9	127.4	137.8	148.1	158.4	0
26					57.0	68.6	80.2	91.7	103.1	114.4	125.7	136.9	148.0	159.1	170.1	0
27					61.2	73.7	86.1	98.4	110.6	122.7	134.7	146.7	158.6	170.4	182.2	0
28					65.5	78.9	92.1	105.2	118.3	131.2	144.0	156.7	169.4	182.0	194.5	0
29					70.0	84.2	98.3	112.3	126.1	139.9	153.5	167.0	180.5	193.8	207.1	0
30						89.7	104.7	119.5	134.2	148.8	163.2	177.5	191.8	205.9	220.0	0
31						95.3	111.2	126.9	142.5	157.9	173.2	188.3	203.4	218.3	233.2	0
32						101.1	117.9	134.5	150.9	167.2	183.3	199.3	215.2	231.0	246.7	0
33						107.0	124.8	142.3	159.6	176.7	193.7	210.6	227.4	244.0	260.5	0
34						113.1	131.8	150.2	168.4	186.5	204.4	222.1	239.8	257.3	274.7	0
35							138.9	158.3	177.5	196.5	215.3	233.9	252.5	270.9	289.2	0
36							146.3	166.6	186.8	206.7	226.4	246.0	265.4	284.7	304.0	0
37							153.8	175.1	196.2	217.1	237.8	258.3	278.7	299.0	319.1	0
38							161.4	183.8	205.9	227.7	249.4	270.9	292.3	313.5	334.6	0
39							169.2	192.6	215.7	238.6	261.3	283.8	306.1	328.3	350.5	0
40								201.7	225.8	249.7	273.4	296.9	320.3	343.5	366.7	0
41								210.9	236.1	261.0	285.8	310.4	334.8	359.1	383.3	0
42								220.3	246.6	272.6	298.4	324.1	349.6	375.0	400.3	0
43								229.9	257.3	284.4	311.3	338.1	364.7	391.2	417.7	0
44								239.6	268.2	296.5	324.5	352.4	380.2	407.9	435.5	0
45									279.3	308.7	338.0	367.0	396.0	424.8	453.6	0
46									290.6	321.3	351.7	382.0	412.1	442.2	472.2	0
47									302.2	334.0	365.7	397.2	428.6	459.9	491.2	0
48									313.9	347.1	380.0	412.8	445.4	478.1	510.7	0
49									325.9	360.3	394.5	428.6	462.6	496.6	530.5	0
50									338.1	373.9	409.4	444.8	480.2	515.5	550.8	0
BASIS TREES	0	0	22	23	17	12	14	6	2	0	0	0	0	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	.9	1.1	1.3	1.6	1.8	2.0									11
8	2.1	3.6	5.2	6.8	8.3	9.9	11.5	13.0								6
9	3.9	7.4	11.0	14.5	18.0	21.6	25.1	28.7	32.2							6
10		11.8	17.8	23.7	29.7	35.6	41.5	47.5	53.4							6
11		16.8	25.4	34.1	42.7	51.4	60.0	68.7	77.3	86.0						4
12		22.1	33.8	45.4	57.1	68.7	80.4	92.0	103.7	115.3						7
13		27.9	42.8	57.7	72.6	87.5	102.4	117.4	132.3	147.2	162.1					1
14		34.1	52.5	70.9	89.3	107.7	126.2	144.6	163.0	181.4	199.8					4
15			62.8	85.0	107.2	129.3	151.5	173.7	195.9	218.0	240.2	262.4				4
16			73.8	100.0	126.1	152.3	178.5	204.7	230.8	257.0	283.2	309.4				4
17			85.4	115.8	146.3	176.7	207.1	237.5	267.9	298.4	328.8	359.2	389.6			1
18			97.7	132.6	167.5	202.4	237.4	272.3	307.2	342.1	377.0	411.9	446.8			1
19			110.7	150.3	190.0	229.6	269.2	308.9	348.5	388.2	427.8	467.5	507.1	546.8		2
20				168.9	213.5	258.2	302.8	347.4	392.0	436.7	481.3	525.9	570.6	615.2		3
21				188.4	238.3	288.1	338.0	387.8	437.7	487.6	537.4	587.3	637.1	687.0	736.8	2
22				208.8	264.2	319.5	374.8	430.2	485.5	540.8	596.2	651.5	706.8	762.2	817.5	0
23				230.2	291.2	352.3	413.3	474.4	535.5	596.5	657.6	718.7	779.7	840.8	901.8	3
24				252.4	319.5	386.5	453.5	520.6	587.6	654.6	721.7	788.7	855.7	922.8	989.8	2
25					348.9	422.1	495.4	568.6	641.9	715.2	788.4	861.7	934.9	1008.2	1081.5	0
26					379.5	459.2	538.9	618.7	698.4	778.1	857.9	937.6	1017.3	1097.1	1176.8	0
27					411.2	497.7	584.1	670.6	757.0	843.5	930.0	1016.4	1102.9	1189.3	1275.8	0
28					444.2	537.6	631.0	724.4	817.9	911.3	1004.7	1098.2	1191.6	1285.0	1378.5	0
29					478.3	578.9	679.6	780.2	880.9	981.6	1082.2	1182.9	1283.5	1384.2	1484.8	0
30						621.7	729.8	838.0	946.1	1054.2	1162.4	1270.5	1378.6	1486.8	1594.9	0
31						665.9	781.8	897.6	1013.5	1129.4	1245.2	1361.1	1476.9	1592.8	1708.6	0
32						711.6	835.4	959.2	1083.1	1206.9	1330.8	1454.6	1578.4	1702.3	1826.1	0
33						758.7	890.7	1022.8	1154.9	1286.9	1419.0	1551.0	1683.1	1815.2	1947.2	0
34						807.2	947.7	1088.3	1228.8	1369.4	1509.9	1650.5	1791.0	1931.5	2072.1	0
35							1006.4	1155.7	1305.0	1454.3	1603.5	1752.8	1902.1	2051.4	2200.6	0
36							1066.8	1225.1	1383.3	1541.6	1699.9	1858.1	2016.4	2174.7	2332.9	0
37							1128.9	1296.4	1463.9	1631.4	1798.9	1966.4	2133.9	2301.4	2468.9	0
38							1192.7	1369.7	1546.6	1723.6	1900.6	2077.6	2254.6	2431.6	2608.6	0
39							1258.1	1444.9	1631.6	1818.3	2005.0	2191.8	2378.5	2565.2	2752.0	0
40								1522.0	1718.7	1915.5	2112.2	2308.9	2505.6	2702.3	2899.1	0
41								1601.1	1808.1	2015.1	2222.0	2429.0	2635.9	2842.9	3049.9	0
42								1682.2	1899.6	2117.1	2334.6	2552.0	2769.5	2986.9	3204.4	0
43								1765.2	1993.4	2221.6	2449.8	2678.0	2906.2	3134.4	3362.6	0
44								1850.1	2089.3	2328.5	2567.8	2807.0	3046.2	3285.4	3524.6	0
45									2187.5	2437.9	2688.4	2938.9	3189.3	3439.8	3690.3	0
46									2287.8	2549.8	2811.8	3073.8	3335.7	3597.7	3859.7	0
47									2390.4	2664.1	2937.9	3211.6	3485.3	3759.1	4032.8	0
48									2495.1	2780.9	3066.6	3352.4	3638.1	3923.9	4209.6	0
49									2602.1	2900.1	3198.1	3496.1	3794.1	4092.2	4390.2	0
50									2711.3	3021.8	3332.3	3642.8	3953.4	4263.9	4574.4	0
BASIS TREES	0	0	11	16	14	9	12	6	2	0	0	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.5	.8	1.0	1.3	1.5	1.8	2.0									12
8	1.8	3.2	4.8	6.3	7.9	9.5	11.2	12.8								6
9	3.3	6.5	9.8	13.3	16.9	20.5	24.1	27.8	31.4							9
10		10.1	15.6	21.3	27.1	33.1	39.1	45.2	51.4							7
11		14.1	21.8	29.8	38.1	46.6	55.4	64.2	73.2	82.2						5
12		18.2	28.2	38.6	49.4	60.6	72.2	84.1	96.2	108.4						8
13		22.5	34.8	47.5	60.8	74.8	89.3	104.4	119.9	135.7	151.7					1
14		26.8	41.2	56.2	72.0	88.8	106.6	125.1	144.3	164.0	183.9					6
15			47.6	64.7	83.0	102.7	123.8	146.1	169.3	193.1	217.3	241.5				6
16			53.7	72.8	93.5	116.3	141.1	167.5	195.0	223.2	251.8	280.6				5
17			59.5	80.4	103.7	129.9	158.6	189.2	221.2	254.1	287.4	321.0	354.6			1
18			64.9	87.7	113.7	143.4	176.3	211.4	248.1	285.8	324.1	362.6	401.3			1
19			69.9	94.5	123.6	157.2	194.4	234.2	275.7	318.4	361.7	405.5	449.4	493.4		3
20				101.2	133.5	171.2	212.9	257.5	303.9	351.7	400.3	449.4	498.8	548.3		3
21				107.7	143.6	185.5	231.9	281.3	332.8	385.7	439.7	494.3	549.4	604.6	660.0	2
22				114.2	153.9	200.3	251.3	305.5	362.2	420.4	479.9	540.3	601.1	662.4	723.8	0
23				120.9	164.6	215.4	271.1	330.3	392.1	455.8	521.0	587.1	654.0	721.4	789.1	3
24				127.8	175.7	230.9	291.3	355.5	422.6	491.8	562.7	634.9	708.0	781.7	855.8	2
25					187.1	246.8	311.9	381.1	453.5	528.4	605.2	683.5	763.0	843.2	924.0	0
26					198.8	263.0	332.8	407.1	484.9	565.6	648.4	733.0	818.9	905.8	993.5	0
27					210.9	279.5	354.1	433.5	516.8	603.3	692.3	783.3	875.8	969.6	1064.2	0
28					223.2	296.2	375.7	460.3	549.2	641.6	736.8	834.3	933.7	1034.4	1136.3	0
29					235.8	313.3	397.6	487.4	582.0	680.4	782.0	886.1	992.4	1100.3	1209.5	0
30						330.6	419.8	515.0	615.2	719.7	827.8	938.7	1052.0	1167.2	1283.8	0
31						348.1	442.2	542.8	648.9	759.6	874.2	992.0	1112.4	1235.0	1359.3	0
32						366.0	465.0	571.0	683.0	800.0	921.2	1045.9	1173.7	1303.8	1435.9	0
33						384.0	488.1	599.6	717.5	840.8	968.8	1100.6	1235.7	1373.5	1513.6	0
34						402.3	511.4	628.5	752.4	882.2	1016.9	1155.9	1298.5	1444.1	1592.3	0
35							535.1	657.8	787.8	924.0	1065.7	1211.9	1362.1	1515.6	1671.9	0
36							559.0	687.4	823.5	966.3	1114.9	1268.6	1426.5	1588.0	1752.6	0
37							583.3	717.3	859.6	1009.1	1164.8	1325.8	1491.5	1661.2	1834.2	0
38							607.8	747.6	896.2	1052.4	1215.2	1383.8	1557.3	1735.2	1916.8	0
39							632.6	778.3	933.1	1096.1	1266.1	1442.3	1623.8	1810.0	2000.2	0
40								809.2	970.5	1140.3	1317.6	1501.4	1691.0	1885.6	2084.6	0
41								840.5	1008.2	1184.9	1369.5	1561.2	1758.9	1962.0	2169.8	0
42								872.2	1046.3	1230.0	1422.0	1621.5	1827.5	2039.2	2256.0	0
43								904.1	1084.9	1275.5	1475.0	1682.4	1896.7	2117.1	2342.9	0
44								936.4	1123.7	1321.5	1528.6	1743.9	1966.6	2195.8	2430.8	0
45									1163.0	1367.9	1582.6	1806.0	2037.2	2275.2	2519.4	0
46									1202.7	1414.8	1637.1	1868.7	2108.4	2355.4	2608.9	0
47									1242.7	1462.1	1692.2	1931.9	2180.2	2436.2	2699.1	0
48									1283.2	1509.8	1747.7	1995.7	2252.7	2517.8	2790.2	0
49									1324.0	1558.0	1803.7	2060.0	2325.8	2600.1	2882.0	0
50									1365.1	1606.6	1860.2	2124.9	2399.5	2683.0	2974.6	0
BASIS TREES	0	0	13	20	17	12	14	6	2	0	0	0	0	0	0	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.4	.5	.6	.7	.8	1.0									0
8	1.2	2.1	2.9	3.8	4.7	5.6	6.5	7.4								0
9	2.4	4.7	6.9	9.1	11.4	13.6	15.8	18.1	20.3							4
10		8.0	12.0	16.0	20.0	24.0	28.0	32.1	36.1							6
11		11.9	18.0	24.2	30.3	36.4	42.6	48.7	54.8	61.0						4
12		16.3	24.8	33.4	41.9	50.5	59.1	67.6	76.2	84.8						7
13		21.1	32.3	43.6	54.8	66.1	77.3	88.6	99.8	111.1	122.4					1
14		26.3	40.5	54.7	68.8	83.0	97.2	111.4	125.6	139.8	154.0					4
15			49.2	66.6	84.0	101.3	118.7	136.1	153.5	170.8	188.2	205.6				4
16			58.6	79.4	100.2	121.0	141.7	162.5	183.3	204.1	224.9	245.7				4
17			68.6	93.0	117.4	141.8	166.3	190.7	215.1	239.5	263.9	288.4	312.8			1
18			79.2	107.4	135.7	164.0	192.3	220.6	248.8	277.1	305.4	333.7	362.0			1
19			90.3	122.7	155.1	187.4	219.8	252.1	284.5	316.9	349.2	381.6	413.9	446.3		2
20				138.8	175.4	212.1	248.7	285.4	322.1	358.7	395.4	432.1	468.7	505.4		3
21				155.6	196.8	238.0	279.2	320.4	361.6	402.7	443.9	485.1	526.3	567.5	608.7	2
22				173.3	219.2	265.2	311.1	357.0	403.0	448.9	494.8	540.7	586.7	632.6	678.5	0
23				191.8	242.7	293.6	344.5	395.4	446.3	497.2	548.0	598.9	649.8	700.7	751.6	3
24				211.1	267.2	323.3	379.3	435.4	491.5	547.6	603.6	659.7	715.8	771.8	827.9	2
25					292.7	354.2	415.7	477.1	538.6	600.1	661.5	723.0	784.5	846.0	907.4	0
26					319.3	386.4	453.5	520.5	587.6	654.7	721.8	788.9	856.0	923.1	990.2	0
27					346.9	419.8	492.7	565.7	638.6	711.5	784.4	857.4	930.3	1003.2	1076.1	0
28					375.5	454.5	533.5	612.4	691.4	770.4	849.4	928.4	1007.4	1086.4	1165.3	0
29					405.1	490.4	575.7	660.9	746.2	831.5	916.7	1002.0	1087.2	1172.5	1257.8	0
30						527.6	619.3	711.1	802.9	894.6	986.4	1078.1	1169.9	1261.7	1353.4	0
31						566.0	664.5	763.0	861.4	959.9	1058.4	1156.9	1255.3	1353.8	1452.3	0
32						605.7	711.1	816.5	921.9	1027.4	1132.8	1238.2	1343.6	1449.0	1554.4	0
33						646.7	759.2	871.8	984.4	1096.9	1209.5	1322.0	1434.6	1547.2	1659.7	0
34						688.9	808.8	928.7	1048.7	1168.6	1288.6	1408.5	1528.4	1648.4	1768.3	0
35							859.8	987.4	1114.9	1242.4	1370.0	1497.5	1625.0	1752.6	1880.1	0
36							912.4	1047.7	1183.1	1318.4	1453.8	1589.1	1724.5	1859.8	1995.1	0
37							966.4	1109.7	1253.1	1396.5	1539.9	1683.3	1826.6	1970.0	2113.4	0
38							1021.8	1173.5	1325.1	1476.7	1628.4	1780.0	1931.6	2083.3	2234.9	0
39							1078.8	1238.9	1399.0	1559.1	1719.2	1879.3	2039.4	2199.5	2359.6	0
40								1306.0	1474.8	1643.6	1812.4	1981.2	2150.0	2318.8	2487.6	0
41								1374.8	1552.5	1730.2	1908.0	2085.7	2263.4	2441.1	2618.8	0
42								1445.3	1632.2	1819.0	2005.9	2192.7	2379.6	2566.4	2753.2	0
43								1517.5	1713.7	1909.9	2106.1	2302.3	2498.5	2694.7	2890.9	0
44								1591.5	1797.2	2003.0	2208.8	2414.5	2620.3	2826.1	3031.8	0
45									1882.6	2098.2	2313.7	2529.3	2744.9	2960.4	3176.0	0
46									1969.9	2195.5	2421.1	2646.6	2872.2	3097.8	3323.4	0
47									2059.2	2295.0	2530.8	2766.6	3002.4	3238.2	3474.0	0
48									2150.3	2396.6	2642.8	2889.1	3135.3	3381.6	3627.8	0
49									2243.4	2500.3	2757.2	3014.2	3271.1	3528.0	3784.9	0
50									2338.4	2606.2	2874.0	3141.8	3409.6	3677.4	3945.3	0
BASIS TREES	0	0	1	7	12	8	12	6	2	0	0	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
DOUGLAS-FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.2	.4	.5	.6	.7	.8	.9									12
8	.9	1.8	2.6	3.5	4.5	5.4	6.3	7.2								6
9	1.9	3.9	6.0	8.3	10.5	12.9	15.2	17.5	19.8							9
10		6.5	10.2	14.1	18.1	22.2	26.4	30.6	34.8							7
11		9.3	14.7	20.5	26.5	32.7	39.1	45.5	52.0	58.5						5
12		12.4	19.5	27.2	35.3	43.8	52.5	61.6	70.7	79.9						3
13		15.5	24.4	33.9	44.1	54.9	66.3	78.2	90.3	102.6	114.9					1
14		18.5	29.0	40.3	52.5	65.9	80.1	95.1	110.5	126.2	142.0					6
15			33.4	46.2	60.5	76.3	93.6	112.0	131.1	150.6	170.2	189.8				6
16			37.2	51.4	67.7	86.3	106.9	129.0	152.0	175.6	199.3	223.0				5
17			40.5	55.9	74.2	95.7	119.9	146.0	173.2	201.0	229.1	257.2	285.1			1
18			43.2	59.5	80.0	104.7	132.7	163.0	194.6	226.9	259.5	292.2	324.8			1
19			45.0	62.4	85.3	113.4	145.4	180.0	216.1	253.1	290.5	328.0	365.5	402.7		3
20				64.7	90.2	121.9	158.0	197.0	237.7	279.5	321.8	364.4	406.9	449.3		3
21				66.4	94.8	130.2	170.5	213.9	259.4	306.1	353.5	401.2	449.1	496.8	544.4	2
22				67.8	99.2	138.5	182.9	230.8	281.0	332.7	385.3	438.5	491.8	545.2	598.4	0
23				68.9	103.6	146.6	195.2	247.6	302.6	359.4	417.3	476.0	535.0	594.2	653.2	3
24				69.9	107.8	154.6	207.3	264.2	324.1	386.0	449.4	513.7	578.6	643.7	708.9	2
25					112.0	162.5	219.3	280.6	345.4	412.5	481.5	551.6	622.5	693.8	765.2	0
26					116.2	170.2	231.0	296.8	366.5	438.9	513.5	589.5	666.6	744.2	822.2	0
27					120.2	177.7	242.5	312.8	387.4	465.2	545.5	627.5	710.8	795.0	879.6	0
28					124.0	185.0	253.7	328.5	408.0	491.2	577.3	665.5	755.2	846.0	937.4	0
29					127.7	192.0	264.6	343.9	428.4	517.1	609.0	703.4	799.6	897.1	995.5	0
30						198.8	275.3	359.0	448.5	542.7	640.5	741.2	844.0	948.4	1053.9	0
31						205.3	285.6	373.8	468.3	568.0	671.8	778.8	888.4	999.8	1112.5	0
32						211.5	295.6	388.2	487.8	593.1	702.9	816.3	932.6	1051.1	1171.2	0
33						217.5	305.4	402.4	507.0	617.8	733.7	853.6	976.8	1102.5	1230.0	0
34						223.1	314.8	416.2	525.8	642.2	764.2	890.7	1020.7	1153.7	1288.9	0
35							323.9	429.7	544.4	666.3	794.4	927.4	1064.5	1204.8	1347.7	0
36							332.6	442.9	562.5	690.1	824.3	963.9	1108.1	1255.8	1406.5	0
37							341.1	455.7	580.3	713.5	853.8	1000.1	1151.4	1306.6	1465.1	0
38							349.2	468.1	597.8	736.5	883.0	1036.0	1194.4	1357.2	1523.6	0
39							357.0	480.2	614.8	759.2	911.9	1071.6	1237.1	1407.5	1582.0	0
40								491.9	631.5	781.5	940.4	1106.7	1279.5	1457.6	1640.1	0
41								503.3	647.8	803.4	968.4	1141.6	1321.6	1507.3	1698.0	0
42								514.3	663.7	824.9	996.1	1176.0	1363.2	1556.8	1755.6	0
43								524.9	679.3	846.0	1023.4	1210.0	1404.6	1605.9	1812.9	0
44								535.2	694.4	866.6	1050.2	1243.6	1445.5	1654.6	1869.9	0
45									709.1	886.9	1076.6	1276.8	1486.0	1702.9	1926.5	0
46									723.4	906.7	1102.6	1309.5	1526.0	1750.9	1982.8	0
47									737.3	926.1	1128.1	1341.8	1565.7	1798.4	2038.7	0
48									750.8	945.0	1153.2	1373.7	1604.9	1845.5	2094.2	0
49									763.9	963.6	1177.9	1405.1	1643.6	1892.1	2149.3	0
50									776.6	981.6	1202.0	1436.0	1681.9	1938.3	2203.9	0
BASIS TREES	0	0	13	20	17	12	14	6	2	0	0	0	0	0	0	

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.1															0
2	.1	.2														0
3	.2	.4	.7													0
4	.4	.8	1.1	1.5												0
5	.6	1.2	1.8	2.3	2.9											11
6	.9	1.7	2.5	3.4	4.2	5.0										20
7	1.2	2.3	3.4	4.6	5.7	6.8	8.0									20
8	1.5	3.0	4.5	5.9	7.4	8.9	10.4	11.9								12
9	1.9	3.8	5.6	7.5	9.4	11.3	13.1	15.0	16.9							11
10		4.7	7.0	9.3	11.6	13.9	16.2	18.5	20.8							7
11		5.6	8.4	11.2	14.0	16.8	19.6	22.4	25.2	28.0						9
12		6.7	10.0	13.3	16.7	20.0	23.3	26.7	30.0	33.3						8
13		7.8	11.8	15.7	19.6	23.5	27.4	31.3	35.2	39.1	43.0					6
14		9.1	13.6	18.2	22.7	27.2	31.7	36.3	40.8	45.3	49.9					2
15			15.6	20.8	26.0	31.2	36.4	41.6	46.8	52.0	57.2	62.4				1
16			17.8	23.7	29.6	35.5	41.5	47.4	53.3	59.2	65.1	71.0				0
17			20.1	26.8	33.4	40.1	46.8	53.5	60.1	66.8	73.5	80.2	86.9			1
18			22.5	30.0	37.5	45.0	52.5	59.9	67.4	74.9	82.4	89.9	97.4			0
19			25.1	33.4	41.8	50.1	58.4	66.8	75.1	83.5	91.8	100.2	108.5	116.8		1
20				37.0	46.3	55.5	64.7	74.0	83.2	92.5	101.7	111.0	120.2	129.5		0
21				40.8	51.0	61.2	71.4	81.6	91.8	102.0	112.2	122.3	132.5	142.7	152.9	0
22				44.8	56.0	67.2	78.3	89.5	100.7	111.9	123.1	134.3	145.5	156.6	167.8	0
23				48.9	61.2	73.4	85.6	97.8	110.1	122.3	134.5	146.7	159.0	171.2	183.4	0
24				53.3	66.6	79.9	93.2	106.5	119.8	133.2	146.5	159.8	173.1	186.4	199.7	0
25					72.3	86.7	101.1	115.6	130.0	144.5	158.9	173.4	187.8	202.3	216.7	0
26					78.2	93.8	109.4	125.0	140.6	156.3	171.9	187.5	203.1	218.8	234.4	0
27					84.3	101.1	118.0	134.8	151.7	168.5	185.4	202.2	219.1	235.9	252.8	0
28					90.6	108.8	126.9	145.0	163.1	181.2	199.4	217.5	235.6	253.7	271.8	0
29					97.2	116.7	136.1	155.5	175.0	194.4	213.8	233.3	252.7	272.2	291.6	0
30						124.8	145.6	166.4	187.2	208.0	228.8	249.6	270.4	291.2	312.0	0
31						133.3	155.5	177.7	199.9	222.1	244.4	266.6	288.8	311.0	333.2	0
32						142.0	165.7	189.4	213.0	236.7	260.4	284.0	307.7	331.4	355.0	0
33						151.0	176.2	201.4	226.6	251.7	276.9	302.1	327.2	352.4	377.6	0
34						160.3	187.1	213.8	240.5	267.2	293.9	320.6	347.4	374.1	400.8	0
35							198.2	226.5	254.8	283.2	311.5	339.8	368.1	396.4	424.7	0
36							209.7	239.7	269.6	299.6	329.5	359.5	389.4	419.4	449.3	0
37							221.5	253.2	284.8	316.4	348.1	379.7	411.4	443.0	474.6	0
38							233.7	267.0	300.4	333.8	367.1	400.5	433.9	467.3	500.6	0
39							246.1	281.3	316.4	351.6	386.7	421.9	457.0	492.2	527.3	0
40								295.9	332.9	369.8	406.8	443.8	480.8	517.7	554.7	0
41								310.8	349.7	388.6	427.4	466.3	505.1	544.0	582.8	0
42								326.2	367.0	407.7	448.5	489.3	530.0	570.8	611.6	0
43								341.9	384.6	427.4	470.1	512.8	555.6	598.3	641.1	0
44								358.0	402.7	447.5	492.2	537.0	581.7	626.5	671.2	0
45									421.3	468.1	514.9	561.7	608.5	655.3	702.1	0
46									440.2	489.1	538.0	586.9	635.8	684.7	733.6	0
47									459.5	510.6	561.6	612.7	663.8	714.8	765.9	0
48									479.3	532.5	585.8	639.0	692.3	745.5	798.8	0
49									499.5	555.0	610.5	665.9	721.4	776.9	832.4	0
50									520.1	577.8	635.6	693.4	751.2	809.0	866.7	0
BASIS TREES	0	0	15	41	19	21	12	1	0	0	0	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.0															0
2	.1	.2														0
3	.2	.4	.6													0
4	.3	.6	1.0	1.3												0
5	.5	.9	1.4	2.0	2.7											13
6	.6	1.2	2.0	2.8	3.7	4.7										26
7	.7	1.6	2.5	3.6	4.8	6.2	7.8									29
8	.9	1.9	3.0	4.3	5.9	7.7	9.7	11.9								16
9	1.0	2.1	3.4	5.0	6.9	9.1	11.6	14.7	16.9							12
10		2.3	3.8	5.6	7.7	10.3	13.4	17.0	20.8							11
11		2.5	4.1	6.0	8.4	11.3	14.8	19.1	24.2	28.0						15
12		2.6	4.3	6.3	8.9	12.0	15.9	20.7	26.5	33.3						10
13		2.6	4.4	6.5	9.2	12.5	16.6	21.8	28.2	36.3	43.0					7
14		2.6	4.4	6.6	9.3	12.7	17.0	22.4	29.3	37.9	48.8					3
15			4.4	6.5	9.3	12.7	17.0	22.6	29.6	38.7	50.2	62.4				2
16			4.3	6.5	9.1	12.5	16.8	22.3	29.4	38.6	50.5	65.9				0
17			4.3	6.4	8.9	12.2	16.3	21.7	28.7	37.8	49.7	65.4	85.9			1
18			4.3	6.2	8.7	11.8	15.7	20.9	27.6	36.4	48.1	63.5	84.1			0
19			4.3	6.2	8.5	11.4	15.1	19.9	26.2	34.6	45.8	60.7	80.7	107.6		1
20				6.2	8.4	11.1	14.5	19.0	24.8	32.6	43.0	57.1	76.2	102.1		0
21				6.2	8.3	10.9	14.1	18.2	23.5	30.6	40.1	53.1	70.9	95.2	128.7	0
22				6.3	8.4	10.8	13.7	17.5	22.3	28.7	37.3	49.1	65.2	87.6	118.7	0
23				6.5	8.5	10.8	13.6	17.0	21.3	27.0	34.7	45.1	59.6	79.8	108.1	0
24				6.8	8.8	11.0	13.6	16.7	20.6	25.7	32.4	41.6	54.3	72.2	97.4	0
25					9.1	11.3	13.8	16.7	20.2	24.7	30.6	38.6	49.7	65.2	87.2	0
26					9.6	11.8	14.2	16.9	20.2	24.2	29.4	36.3	45.7	59.0	77.9	0
27					10.1	12.3	14.7	17.4	20.4	24.0	28.6	34.6	42.6	53.9	69.8	0
28					10.7	13.0	15.4	18.0	20.9	24.2	28.3	33.5	40.4	49.8	63.2	0
29					11.4	13.7	16.2	18.8	21.6	24.8	28.5	33.1	39.0	46.9	58.0	0
30						14.6	17.1	19.7	22.5	25.6	29.1	33.2	38.3	45.1	54.3	0
31						15.4	18.1	20.8	23.7	26.7	30.0	33.8	38.4	44.1	51.8	0
32						16.4	19.2	22.0	24.9	28.0	31.2	34.8	39.0	44.0	50.5	0
33						17.4	20.3	23.3	26.3	29.4	32.7	36.1	40.0	44.6	50.2	0
34						18.4	21.5	24.6	27.8	31.0	34.3	37.8	41.5	45.7	50.7	0
35							22.8	26.0	29.3	32.7	36.1	39.6	43.3	47.3	51.9	0
36							24.1	27.5	31.0	34.5	38.0	41.6	45.4	49.3	53.6	0
37							25.4	29.0	32.7	36.3	40.0	43.8	47.6	51.6	55.8	0
38							26.8	30.6	34.4	38.3	42.1	46.0	50.0	54.0	58.2	0
39							28.2	32.2	36.3	40.3	44.4	48.4	52.5	56.7	61.0	0
40								33.9	38.1	42.4	46.6	50.9	55.2	59.5	63.9	0
41								35.6	40.1	44.5	49.0	53.4	57.9	62.4	67.0	0
42								37.4	42.0	46.7	51.4	56.1	60.7	65.4	70.2	0
43								39.2	44.0	48.9	53.8	58.7	63.6	68.6	73.5	0
44								41.0	46.1	51.2	56.4	61.5	66.6	71.8	76.9	0
45									48.2	53.6	59.0	64.3	69.7	75.0	80.4	0
46									50.4	56.0	61.6	67.2	72.8	78.4	84.0	0
47									52.6	58.5	64.3	70.2	76.0	81.9	87.7	0
48									54.9	61.0	67.1	73.2	79.3	85.4	91.5	0
49									57.2	63.5	69.9	76.3	82.6	89.0	95.3	0
50									59.5	66.2	72.8	79.4	86.0	92.6	99.2	0
BASIS TREES	0	0	21	56	25	26	15	3	0	0	0	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.4	.6	.9	1.1	1.3											11
6	.6	1.2	1.8	2.4	2.9	3.5										20
7	.9	1.8	2.8	3.7	4.6	5.6	6.5									20
8	1.2	2.5	3.8	5.1	6.5	7.8	9.1	10.4								12
9	1.5	3.2	5.0	6.7	8.4	10.2	11.9	13.7	15.4							11
10		4.0	6.2	8.4	10.6	12.8	15.0	17.2	19.4							7
11		4.9	7.6	10.3	13.0	15.7	18.4	21.1	23.8	26.5						9
12		5.9	9.1	12.3	15.6	18.8	22.1	25.3	28.5	31.8						8
13		6.9	10.7	14.5	18.4	22.2	26.0	29.9	33.7	37.5	41.3					6
14		8.0	12.5	16.9	21.4	25.8	30.3	34.8	39.2	43.7	48.1					2
15			14.3	19.4	24.6	29.7	34.9	40.0	45.1	50.3	55.4	60.5				1
16			16.3	22.1	28.0	33.9	39.7	45.6	51.4	57.3	63.2	69.0				0
17			18.4	25.0	31.6	38.3	44.9	51.5	58.2	64.8	71.4	78.0	84.7			1
18			20.6	28.1	35.5	42.9	50.4	57.8	65.3	72.7	80.1	87.6	95.0			0
19			23.0	31.3	39.6	47.9	56.2	64.5	72.8	81.1	89.4	97.7	106.0	114.3		1
20				34.7	43.9	53.1	62.3	71.5	80.7	89.9	99.1	108.3	117.5	126.7		0
21				38.2	48.4	58.5	68.7	78.8	89.0	99.1	109.3	119.4	129.6	139.7	149.9	0
22				41.9	53.1	64.2	75.4	86.5	97.7	108.8	120.0	131.1	142.3	153.4	164.6	0
23				45.8	58.0	70.2	82.4	94.6	106.8	119.0	131.2	143.4	155.6	167.8	179.9	0
24				49.9	63.2	76.5	89.7	103.0	116.3	129.6	142.9	156.1	169.4	182.7	196.0	0
25					68.5	83.0	97.4	111.8	126.2	140.6	155.0	169.5	183.9	198.3	212.7	0
26					74.1	89.7	105.3	120.9	136.5	152.1	167.7	183.3	198.9	214.5	230.1	0
27					79.9	96.8	113.6	130.4	147.2	164.1	180.9	197.7	214.5	231.4	248.2	0
28					86.0	104.1	122.2	140.3	158.4	176.5	194.5	212.6	230.7	248.8	266.9	0
29					92.2	111.6	131.1	150.5	169.9	189.3	208.7	228.1	247.5	266.9	286.4	0
30						119.5	140.2	161.0	181.8	202.6	223.4	244.1	264.9	285.7	306.5	0
31						127.6	149.8	171.9	194.1	216.3	238.5	260.7	282.9	305.1	327.3	0
32						135.9	159.6	183.2	206.9	230.5	254.2	277.8	301.4	325.1	348.7	0
33						144.5	169.7	194.8	220.0	245.1	270.3	295.4	320.6	345.7	370.9	0
34						153.4	180.1	206.8	233.5	260.2	286.9	313.6	340.3	367.0	393.7	0
35							190.9	219.2	247.5	275.8	304.1	332.4	360.7	388.9	417.2	0
36							201.9	231.9	261.8	291.8	321.7	351.6	381.6	411.5	441.4	0
37							213.3	244.9	276.6	308.2	339.8	371.4	403.1	434.7	466.3	0
38							225.0	258.4	291.7	325.1	358.4	391.8	425.1	458.5	491.9	0
39							237.0	272.1	307.3	342.4	377.5	412.7	447.8	483.0	518.1	0
40								286.3	323.2	360.2	397.2	434.1	471.1	508.1	545.0	0
41								300.7	339.6	378.4	417.3	456.1	494.9	533.8	572.6	0
42								315.6	356.4	397.1	437.9	478.6	519.4	560.1	600.9	0
43								330.8	373.5	416.2	459.0	501.7	544.4	587.1	629.8	0
44								346.4	391.1	435.8	480.6	525.3	570.0	614.8	659.5	0
45									409.1	455.9	502.6	549.4	596.2	643.0	689.8	0
46									427.4	476.3	525.2	574.1	623.0	671.9	720.8	0
47									446.2	497.3	548.3	599.4	650.4	701.4	752.5	0
48									465.4	518.7	571.9	625.1	678.4	731.6	784.9	0
49									485.0	540.5	596.0	651.5	706.9	762.4	817.9	0
50									505.0	562.8	620.5	678.3	736.1	793.9	851.6	0
BASIS TREES	0	0	15	41	19	21	12	1	0	0	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.3	.4	.7	.9	1.1											13
6	.4	.8	1.3	1.8	2.4	3.1										26
7	.5	1.2	1.9	2.7	3.7	4.7	6.0									29
8	.6	1.5	2.4	3.5	4.8	6.3	8.1	10.1								16
9	.7	1.7	2.9	4.2	5.8	7.8	10.1	12.8	15.4							12
10		1.9	3.2	4.8	6.7	9.1	11.8	15.2	19.3							11
11		2.0	3.5	5.3	7.5	10.1	13.4	17.3	22.2	26.5						15
12		2.1	3.7	5.6	8.0	10.9	14.5	19.1	24.7	31.7						10
13		2.2	3.8	5.8	8.3	11.4	15.4	20.3	26.6	34.4	41.3					7
14		2.2	3.9	5.9	8.5	11.7	15.9	21.1	27.8	36.4	47.3					3
15			3.9	5.9	8.5	11.8	16.0	21.4	28.4	37.5	49.2	60.5				2
16			3.9	5.9	8.5	11.7	15.9	21.3	28.4	37.7	49.9	65.8				0
17			3.9	5.9	8.3	11.5	15.6	20.9	27.9	37.2	49.5	65.8	84.7			1
18			3.9	5.8	8.2	11.2	15.1	20.2	27.0	36.1	48.2	64.5	86.4			0
19			3.9	5.8	8.1	10.9	14.6	19.5	25.9	34.5	46.2	62.0	83.6	113.0		1
20				5.8	8.0	10.7	14.1	18.6	24.6	32.7	43.7	58.7	79.5	108.1		0
21				5.9	8.0	10.6	13.8	17.9	23.4	30.8	40.9	54.9	74.4	101.6	139.5	0
22				6.0	8.1	10.5	13.5	17.3	22.3	29.0	38.2	51.0	68.8	94.0	129.7	0
23				6.3	8.3	10.6	13.4	16.9	21.4	27.4	35.6	47.0	63.1	86.0	118.7	0
24				6.5	8.5	10.8	13.4	16.7	20.7	26.1	33.3	43.4	57.7	78.1	107.4	0
25					8.9	11.1	13.7	16.7	20.4	25.1	31.5	40.3	52.7	70.5	96.4	0
26					9.4	11.6	14.1	16.9	20.3	24.6	30.2	37.8	48.5	63.8	86.1	0
27					9.9	12.2	14.6	17.4	20.5	24.4	29.3	35.9	45.0	58.0	77.1	0
28					10.5	12.8	15.3	18.0	21.0	24.6	29.0	34.7	42.5	53.4	69.4	0
29					11.1	13.6	16.1	18.8	21.8	25.1	29.1	34.1	40.7	49.9	63.2	0
30						14.4	17.0	19.8	22.7	25.9	29.6	34.1	39.8	47.6	58.6	0
31						15.3	18.0	20.8	23.8	27.0	30.5	34.6	39.6	46.2	55.3	0
32						16.2	19.1	22.0	25.0	28.2	31.6	35.5	40.0	45.8	53.4	0
33						17.2	20.2	23.3	26.4	29.7	33.1	36.8	41.0	46.1	52.5	0
34						18.2	21.4	24.6	27.9	31.2	34.7	38.4	42.4	47.0	52.7	0
35							22.7	26.1	29.5	32.9	36.5	40.2	44.1	48.5	53.6	0
36							24.0	27.5	31.1	34.7	38.4	42.2	46.1	50.3	55.1	0
37							25.3	29.1	32.8	36.6	40.4	44.3	48.3	52.5	57.1	0
38							26.7	30.6	34.6	38.6	42.6	46.6	50.7	55.0	59.4	0
39							28.1	32.3	36.4	40.6	44.8	49.0	53.3	57.6	62.1	0
40								33.9	38.3	42.7	47.1	51.5	55.9	60.4	65.0	0
41								35.6	40.2	44.8	49.5	54.1	58.7	63.4	68.1	0
42								37.4	42.2	47.0	51.9	56.7	61.6	66.4	71.3	0
43								39.2	44.2	49.3	54.4	59.4	64.5	69.6	74.7	0
44								41.0	46.3	51.6	56.9	62.2	67.5	72.8	78.2	0
45									48.5	54.0	59.5	65.1	70.6	76.2	81.7	0
46									50.6	56.4	62.2	68.0	73.8	79.6	85.4	0
47									52.9	58.9	64.9	71.0	77.0	83.1	89.1	0
48									55.1	61.4	67.7	74.0	80.3	86.7	93.0	0
49									57.4	64.0	70.6	77.2	83.7	90.3	96.9	0
50									59.8	66.7	73.5	80.3	87.2	94.0	100.9	0
BASIS TREES	0	0	21	56	25	26	15	3	0	0	0	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.9	1.3	1.8	2.3	2.7	3.2									20
8	.8	1.7	2.7	3.6	4.5	5.4	6.4	7.3								12
9	1.2	2.6	4.0	5.4	6.8	8.2	9.6	11.0	12.4							11
10		3.5	5.4	7.3	9.2	11.2	13.1	15.0	16.9							7
11		4.4	6.9	9.3	11.8	14.3	16.7	19.2	21.6	24.1						9
12		5.4	8.5	11.5	14.5	17.6	20.6	23.6	26.6	29.7						8
13		6.5	10.2	13.8	17.4	21.1	24.7	28.4	32.0	35.6	39.3					6
14		7.7	11.9	16.2	20.5	24.8	29.1	33.4	37.7	42.0	46.3					2
15			13.9	18.8	23.8	28.8	33.8	38.8	43.8	48.7	53.7	58.7				1
16			15.9	21.6	27.3	33.0	38.8	44.5	50.2	55.9	61.6	67.4				0
17			18.0	24.5	31.0	37.5	44.0	50.5	57.0	63.5	70.0	76.5	83.0			1
18			20.3	27.6	34.9	42.2	49.6	56.9	64.2	71.5	78.9	86.2	93.5			0
19			22.7	30.8	39.0	47.2	55.4	63.6	71.8	80.0	88.2	96.4	104.6	112.8		1
20				34.3	43.4	52.5	61.6	70.7	79.8	88.9	98.0	107.1	116.2	125.3		0
21				37.8	47.9	58.0	68.0	78.1	88.1	98.2	108.3	118.3	128.4	138.5	148.5	0
22				41.6	52.7	63.7	74.8	85.8	96.9	108.0	119.0	130.1	141.2	152.2	163.3	0
23				45.5	57.6	69.7	81.8	94.0	106.1	118.2	130.3	142.4	154.5	166.6	178.7	0
24				49.6	62.8	76.0	89.2	102.4	115.6	128.8	142.0	155.2	168.4	181.7	194.9	0
25					68.2	82.5	96.9	111.2	125.6	139.9	154.3	168.6	183.0	197.3	211.6	0
26					73.8	89.3	104.9	120.4	135.9	151.5	167.0	182.5	198.0	213.6	229.1	0
27					79.6	96.4	113.2	129.9	146.7	163.4	180.2	197.0	213.7	230.5	247.2	0
28					85.7	103.7	121.8	139.8	157.8	175.9	193.9	211.9	230.0	248.0	266.0	0
29					91.9	111.3	130.7	150.0	169.4	188.7	208.1	227.4	246.8	266.2	285.5	0
30						119.1	139.9	160.6	181.3	202.0	222.8	243.5	264.2	284.9	305.7	0
31						127.3	149.4	171.5	193.7	215.8	237.9	260.1	282.2	304.4	326.5	0
32						135.6	159.2	182.8	206.4	230.0	253.6	277.2	300.8	324.4	348.0	0
33						144.3	169.4	194.5	219.6	244.7	269.8	294.9	320.0	345.1	370.2	0
34						153.2	179.8	206.5	233.1	259.8	286.4	313.1	339.8	366.4	393.1	0
35							190.6	218.8	247.1	275.3	303.6	331.8	360.1	388.4	416.6	0
36							201.7	231.6	261.4	291.3	321.2	351.1	381.0	410.9	440.8	0
37							213.0	244.6	276.2	307.8	339.4	371.0	402.6	434.1	465.7	0
38							224.7	258.1	291.4	324.7	358.0	391.3	424.7	458.0	491.3	0
39							236.7	271.8	306.9	342.0	377.1	412.2	447.4	482.5	517.6	0
40								286.0	322.9	359.8	396.8	433.7	470.6	507.6	544.5	0
41								300.5	339.3	378.1	416.9	455.7	494.5	533.3	572.1	0
42								315.3	356.1	396.8	437.5	478.2	519.0	559.7	600.4	0
43								330.5	373.2	415.9	458.6	501.3	544.0	586.7	629.4	0
44								346.1	390.8	435.5	480.2	524.9	569.6	614.3	659.0	0
45									408.8	455.6	502.3	549.1	595.8	642.6	689.4	0
46									427.2	476.1	524.9	573.8	622.7	671.5	720.4	0
47									446.0	497.0	548.0	599.0	650.0	701.1	752.1	0
48									465.2	518.4	571.6	624.8	678.0	731.2	784.5	0
49									484.8	540.2	595.7	651.1	706.6	762.1	817.5	0
50									504.8	562.5	620.3	678.0	735.8	793.5	851.2	0
BASIS TREES	0	0	6	30	18	21	12	1	0	0	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.6	.9	1.3	1.8	2.3	3.0									29
8	.4	1.0	1.7	2.5	3.4	4.5	5.8	7.3								16
9	.6	1.4	2.3	3.4	4.8	6.4	8.3	10.6	12.4							12
10		1.6	2.8	4.2	5.9	8.0	10.5	13.6	16.9							11
11		1.9	3.2	4.8	6.9	9.3	12.4	16.1	20.7	24.1						15
12		2.0	3.5	5.3	7.5	10.3	13.8	18.2	23.7	29.7						10
13		2.1	3.6	5.6	8.0	11.0	14.9	19.8	25.9	33.7	39.3					7
14		2.2	3.7	5.7	8.3	11.4	15.5	20.7	27.4	36.0	46.3					3
15			3.8	5.8	8.3	11.6	15.8	21.2	28.3	37.4	49.3	58.7				2
16			3.8	5.8	8.3	11.6	15.8	21.2	28.4	37.9	50.3	66.7				0
17			3.8	5.8	8.2	11.4	15.5	20.9	28.0	37.5	50.1	67.0	83.0			1
18			3.8	5.7	8.1	11.1	15.1	20.2	27.2	36.4	48.9	65.8	88.7			0
19			3.9	5.7	8.0	10.9	14.6	19.5	26.0	34.9	47.0	63.4	86.0	112.8		1
20				5.8	7.9	10.6	14.1	18.7	24.8	33.1	44.4	60.1	81.8	112.0		0
21				5.8	7.9	10.5	13.7	17.9	23.5	31.1	41.6	56.2	76.6	105.3	145.6	0
22				6.0	8.0	10.5	13.5	17.3	22.4	29.3	38.8	52.1	70.9	97.5	135.4	0
23				6.2	8.2	10.5	13.3	16.9	21.5	27.6	36.1	48.0	64.9	89.1	123.9	0
24				6.5	8.5	10.8	13.4	16.6	20.8	26.3	33.7	44.2	59.2	80.7	112.0	0
25					8.9	11.1	13.6	16.6	20.4	25.3	31.8	40.9	53.9	72.7	100.3	0
26					9.3	11.6	14.0	16.9	20.3	24.6	30.4	38.3	49.4	65.6	89.3	0
27					9.8	12.1	14.6	17.3	20.5	24.4	29.5	36.3	45.8	59.5	79.6	0
28					10.4	12.8	15.3	18.0	21.0	24.6	29.1	34.9	43.0	54.5	71.4	0
29					11.1	13.5	16.1	18.8	21.7	25.1	29.1	34.3	41.1	50.7	64.7	0
30						14.4	17.0	19.7	22.6	25.9	29.6	34.2	40.1	48.1	59.7	0
31						15.2	18.0	20.8	23.7	26.9	30.5	34.6	39.8	46.6	56.1	0
32						16.2	19.0	22.0	25.0	28.2	31.6	35.5	40.1	46.0	53.9	0
33						17.2	20.2	23.2	26.4	29.6	33.0	36.8	41.0	46.2	52.9	0
34						18.2	21.4	24.6	27.9	31.2	34.6	38.3	42.4	47.1	52.9	0
35							22.6	26.0	29.4	32.9	36.4	40.1	44.1	48.5	53.7	0
36							23.9	27.5	31.1	34.7	38.4	42.1	46.1	50.3	55.1	0
37							25.3	29.0	32.8	36.6	40.4	44.3	48.3	52.5	57.1	0
38							26.6	30.6	34.6	38.5	42.5	46.6	50.7	54.9	59.4	0
39							28.1	32.2	36.4	40.6	44.7	49.0	53.2	57.6	62.1	0
40								33.9	38.3	42.6	47.0	51.4	55.9	60.4	65.0	0
41								35.6	40.2	44.8	49.4	54.0	58.7	63.3	68.1	0
42								37.4	42.2	47.0	51.8	56.7	61.5	66.4	71.3	0
43								39.2	44.2	49.3	54.3	59.4	64.5	69.5	74.6	0
44								41.0	46.3	51.6	56.9	62.2	67.5	72.8	78.1	0
45									48.4	54.0	59.5	65.0	70.6	76.1	81.7	0
46									50.6	56.4	62.2	68.0	73.8	79.5	85.3	0
47									52.8	58.9	64.9	70.9	77.0	83.0	89.1	0
48									55.1	61.4	67.7	74.0	80.3	86.6	92.9	0
49									57.4	64.0	70.6	77.1	83.7	90.3	96.8	0
50									59.8	66.6	73.5	80.3	87.1	94.0	100.8	0
BASIS TREES	0	0	21	56	25	26	15	3	0	0	0	0	0	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.2	2.5	3.8	5.0	6.3	7.6	8.9									20
8	3.3	7.2	11.0	14.8	18.6	22.5	26.3	30.1								12
9	5.8	12.8	19.7	26.7	33.6	40.6	47.5	54.5	61.4							11
10		19.0	29.4	39.8	50.2	60.6	71.0	81.4	91.9							7
11		25.6	39.8	53.9	68.1	82.3	96.4	110.6	124.7	138.9						9
12		32.7	50.9	69.0	87.2	105.4	123.5	141.7	159.8	178.0						8
13		40.2	62.6	85.0	107.5	129.9	152.3	174.8	197.2	219.6	242.1					6
14		48.1	75.1	102.0	129.0	156.0	182.9	209.9	236.8	263.8	290.8					2
15			88.3	120.0	151.8	183.5	215.3	247.1	278.8	310.6	342.3	374.1				1
16			102.2	139.0	175.9	212.7	249.5	286.4	323.2	360.0	396.8	433.7				0
17			116.9	159.1	201.3	243.4	285.6	327.8	370.0	412.2	454.4	496.5	538.7			1
18			132.4	180.2	228.0	275.8	323.6	371.4	419.3	467.1	514.9	562.7	610.5			0
19			148.6	202.3	256.1	309.8	363.6	417.3	471.0	524.8	578.5	632.3	686.0	739.8		1
20				225.6	285.5	345.5	405.5	465.4	525.4	585.3	645.3	705.2	765.2	825.2		0
21				249.9	316.4	382.9	449.3	515.8	582.3	648.7	715.2	781.6	848.1	914.6	981.0	0
22				275.4	348.6	421.9	495.2	568.4	641.7	715.0	788.2	861.5	934.8	1008.1	1081.3	0
23				301.9	382.3	462.7	543.0	623.4	703.8	784.1	864.5	944.9	1025.2	1105.6	1186.0	0
24				329.6	417.4	505.1	592.9	680.7	768.4	856.2	944.0	1031.7	1119.5	1207.3	1295.1	0
25					453.8	549.3	644.8	740.3	835.7	931.2	1026.7	1122.1	1217.6	1313.1	1408.5	0
26					491.8	595.2	698.7	802.2	905.6	1009.1	1112.6	1216.0	1319.5	1423.0	1526.5	0
27					531.1	642.9	754.6	866.4	978.2	1090.0	1201.7	1313.5	1425.3	1537.1	1648.8	0
28					571.9	692.3	812.6	933.0	1053.4	1173.8	1294.1	1414.5	1534.9	1655.3	1775.7	0
29					614.1	743.4	872.7	1002.0	1131.2	1260.5	1389.8	1519.1	1648.4	1777.7	1907.0	0
30						796.2	934.7	1073.2	1211.7	1350.3	1488.8	1627.3	1765.8	1904.3	2042.8	0
31						850.9	998.9	1146.9	1294.9	1442.9	1591.0	1739.0	1887.0	2035.0	2183.0	0
32						907.2	1065.1	1222.9	1380.7	1538.6	1696.4	1854.3	2012.1	2170.0	2327.8	0
33						965.3	1133.3	1301.3	1469.3	1637.2	1805.2	1973.2	2141.1	2309.1	2477.1	0
34						1025.2	1203.6	1382.0	1560.4	1738.8	1917.2	2095.6	2274.1	2452.5	2630.9	0
35							1276.0	1465.1	1654.3	1843.4	2032.6	2221.7	2410.9	2600.0	2789.2	0
36							1350.4	1550.6	1750.8	1951.0	2151.2	2351.4	2551.6	2751.8	2952.0	0
37							1426.9	1638.4	1850.0	2061.5	2273.1	2484.6	2696.2	2907.7	3119.3	0
38							1505.5	1728.7	1951.9	2175.1	2398.3	2621.5	2844.7	3067.9	3291.1	0
39							1586.1	1821.3	2056.4	2291.6	2526.8	2762.0	2997.2	3232.3	3467.5	0
40								1916.2	2163.7	2411.2	2658.6	2906.1	3153.5	3401.0	3648.4	0
41								2013.6	2273.6	2533.7	2793.7	3053.7	3313.8	3573.8	3833.8	0
42								2113.3	2386.3	2659.2	2932.1	3205.0	3478.0	3750.9	4023.8	0
43								2215.4	2501.6	2787.7	3073.8	3359.9	3646.1	3932.2	4218.3	0
44								2319.9	2619.6	2919.2	3218.8	3518.4	3818.1	4117.7	4417.3	0
45									2740.2	3053.7	3367.1	3680.6	3994.0	4307.5	4620.9	0
46									2863.6	3191.2	3518.7	3846.3	4173.9	4501.4	4829.0	0
47									2989.7	3331.7	3673.7	4015.7	4357.7	4699.6	5041.6	0
48									3118.4	3475.2	3831.9	4188.6	4545.4	4902.1	5258.8	0
49									3249.9	3621.7	3993.4	4365.2	4737.0	5108.8	5480.5	0
50									3384.0	3771.2	4158.3	4545.4	4932.5	5319.7	5706.8	0
BASIS TREES	0	0	6	29	18	21	12	1	0	0	0	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.1	.2	.3	.5	1.1	1.8	2.7									21
8	.1	.3	.4	.8	2.4	4.6	7.1	10.0								12
9	.1	.2	.3	.8	3.8	7.6	12.1	17.3	23.1							*11
10		.1	.2	.9	5.3	10.9	17.7	25.4	34.0							*07
11		.1	.1	1.0	6.9	14.6	23.8	34.3	45.9	58.5						15
12		.0	.1	1.2	8.7	18.5	30.3	43.8	58.7	74.8						10
13		.0	.0	1.4	10.7	22.8	37.3	53.9	72.3	92.3	113.5					7
14		.0	.0	1.7	12.8	27.4	44.8	64.7	86.8	110.8	136.3					3
15			.0	2.0	15.1	32.2	52.7	76.2	102.2	130.4	160.5	192.1				2
16			.0	2.3	17.5	37.3	61.1	88.3	118.5	151.2	186.0	222.7				0
17			.0	2.6	20.0	42.7	69.9	101.1	135.6	173.1	213.0	254.9	298.7			1
18			.0	3.0	22.7	48.3	79.2	114.5	153.7	196.1	241.3	288.9	338.5			0
19			.0	3.4	25.5	54.3	89.0	128.6	172.6	220.3	271.2	324.6	380.3	437.9		1
20				3.7	28.4	60.5	99.2	143.5	192.6	245.7	302.4	362.1	424.2	488.4		0
21				4.2	31.5	67.1	109.9	159.0	213.4	272.4	335.2	401.3	470.2	541.4	614.4	0
22				4.6	34.7	73.9	121.2	175.2	235.2	300.2	369.4	442.3	518.2	596.7	677.2	0
23				5.0	38.0	81.1	132.9	192.2	257.9	329.2	405.2	485.1	568.4	654.4	742.8	0
24				5.5	41.5	88.5	145.1	209.8	281.6	359.5	442.4	529.7	620.7	714.6	811.1	0
25					45.1	96.3	157.8	228.2	306.3	391.0	481.2	576.1	675.0	777.2	882.1	0
26					48.9	104.3	171.0	247.3	331.9	423.7	521.5	624.4	731.5	842.3	956.0	0
27					52.8	112.7	184.6	267.1	358.5	457.6	563.2	674.4	790.2	909.8	1032.6	0
28					56.9	121.3	198.8	287.6	386.1	492.8	606.6	726.3	850.9	979.8	1112.0	0
29					61.0	130.3	213.5	308.9	414.6	529.2	651.4	780.0	913.9	1052.2	1194.3	0
30						139.5	228.7	330.9	444.1	566.9	697.8	835.5	978.9	1127.2	1279.3	0
31						149.1	244.4	353.6	474.6	605.8	745.7	892.8	1046.1	1204.6	1367.2	0
32						159.0	260.6	377.0	506.1	646.0	795.1	952.0	1115.5	1284.4	1457.8	0
33						169.2	277.3	401.1	538.5	687.4	846.1	1013.1	1187.0	1366.8	1551.3	0
34						179.7	294.5	426.0	571.9	730.0	898.6	1076.0	1260.7	1451.6	1647.6	0
35							312.2	451.7	606.3	774.0	952.7	1140.7	1336.6	1539.0	1746.8	0
36							330.4	478.0	641.7	819.1	1008.3	1207.3	1414.6	1628.8	1848.7	0
37							349.1	505.1	678.0	865.5	1065.4	1275.7	1494.8	1721.1	1953.5	0
38							368.4	532.9	715.4	913.2	1124.1	1346.0	1577.1	1816.0	2061.2	0
39							388.1	561.4	753.7	962.1	1184.3	1418.1	1661.6	1913.3	2171.6	0
40								590.7	793.0	1012.3	1246.1	1492.1	1748.3	2013.1	2284.9	0
41								620.7	833.3	1063.8	1309.4	1567.9	1837.1	2115.4	2401.0	0
42								651.5	874.6	1116.5	1374.3	1645.6	1928.2	2220.2	2520.0	0
43								683.0	916.9	1170.4	1440.7	1725.1	2021.4	2327.5	2641.8	0
44								715.2	960.1	1225.6	1508.6	1806.5	2116.7	2437.3	2766.5	0
45									1004.3	1282.1	1578.2	1889.7	2214.3	2549.6	2893.9	0
46									1049.6	1339.8	1649.2	1974.8	2314.0	2664.5	3024.3	0
47									1095.8	1398.8	1721.8	2061.8	2415.9	2781.8	3157.4	0
48									1143.0	1459.1	1796.0	2150.6	2519.9	2901.6	3293.5	0
49									1191.1	1520.6	1871.7	2241.2	2626.2	3023.9	3432.3	0
50									1240.3	1583.3	1949.0	2333.8	2734.6	3148.8	3574.0	0
BASIS TREES	0	0	9	44	22	26	15	3	0	0	0	0	0	0	0	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.3	2.0	2.7	3.4	4.1	4.8									0
8	2.1	4.4	6.8	9.2	11.5	13.9	16.3	18.7								0
9	3.9	8.6	13.3	18.0	22.7	27.4	32.1	36.8	41.5							3
10		13.6	21.0	28.5	36.0	43.4	50.9	58.3	65.8							7
11		19.1	29.7	40.2	50.8	61.3	71.9	82.5	93.0	103.6						9
12		25.1	39.1	53.0	67.0	81.0	94.9	108.9	122.8	136.8						8
13		31.6	49.2	66.9	84.5	102.1	119.8	137.4	155.0	172.7	190.3					6
14		38.5	60.1	81.7	103.2	124.8	146.4	167.9	189.5	211.1	232.7					2
15			71.6	97.4	123.2	148.9	174.7	200.5	226.3	252.0	277.8	303.6				1
16			83.9	114.1	144.3	174.6	204.8	235.0	265.2	295.5	325.7	355.9				0
17			96.8	131.8	166.7	201.7	236.6	271.6	306.5	341.4	376.4	411.3	446.3			1
18			110.5	150.4	190.3	230.2	270.2	310.1	350.0	389.9	429.8	469.8	509.7			0
19			124.9	170.0	215.2	260.3	305.5	350.6	395.8	441.0	486.1	531.3	576.4	621.6		1
20				190.6	241.3	291.9	342.6	393.2	443.9	494.5	545.2	595.9	646.5	697.2		0
21				212.2	268.6	325.0	381.4	437.9	494.3	550.7	607.1	663.5	720.0	776.4	832.8	0
22				234.7	297.2	359.6	422.1	484.5	547.0	609.4	671.9	734.3	796.8	859.2	921.7	0
23				258.3	327.0	395.8	464.5	533.2	602.0	670.7	739.5	808.2	877.0	945.7	1014.5	0
24				282.8	358.1	433.4	508.7	584.0	659.3	734.7	810.0	885.3	960.6	1035.9	1111.2	0
25					390.5	472.6	554.8	636.9	719.0	801.2	883.3	965.5	1047.6	1129.7	1211.9	0
26					424.1	513.4	602.6	691.8	781.1	870.3	959.5	1048.8	1138.0	1227.3	1316.5	0
27					459.0	555.6	652.2	748.8	845.5	942.1	1038.7	1135.3	1231.9	1328.5	1425.1	0
28					495.2	599.5	703.7	808.0	912.2	1016.4	1120.7	1224.9	1329.2	1433.4	1537.7	0
29					532.7	644.8	757.0	869.1	981.3	1093.4	1205.6	1317.7	1429.9	1542.0	1654.2	0
30						691.8	812.1	932.4	1052.8	1173.1	1293.4	1413.7	1534.1	1654.4	1774.7	0
31						740.2	869.0	997.8	1126.6	1255.4	1384.1	1512.9	1641.7	1770.5	1899.2	0
32						790.3	927.8	1065.3	1202.8	1340.3	1477.8	1615.3	1752.8	1890.3	2027.8	0
33						841.9	988.4	1134.8	1281.3	1427.8	1574.3	1720.8	1867.3	2013.8	2160.3	0
34						895.0	1050.8	1206.5	1362.3	1518.0	1673.8	1829.5	1985.3	2141.0	2296.8	0
35							1115.0	1280.3	1445.6	1610.9	1776.2	1941.5	2106.7	2272.0	2437.3	0
36							1181.1	1356.2	1531.3	1706.4	1881.5	2056.6	2231.7	2406.8	2581.9	0
37							1249.0	1434.2	1619.4	1804.5	1989.7	2174.9	2360.1	2545.2	2730.4	0
38							1318.8	1514.3	1709.8	1905.3	2100.9	2296.4	2491.9	2687.5	2883.0	0
39							1390.3	1596.5	1802.7	2008.8	2215.0	2421.1	2627.3	2833.4	3039.6	0
40								1680.8	1897.9	2114.9	2332.0	2549.0	2766.1	2983.1	3200.2	0
41								1767.3	1995.5	2223.7	2451.9	2680.2	2908.4	3136.6	3364.8	0
42								1855.8	2095.5	2335.1	2574.8	2814.5	3054.1	3293.8	3533.5	0
43								1946.5	2197.9	2449.2	2700.6	2952.0	3203.4	3454.8	3706.2	0
44								2039.2	2302.6	2566.0	2829.4	3092.7	3356.1	3619.5	3882.9	0
45									2409.8	2685.4	2961.1	3236.7	3512.3	3788.0	4063.6	0
46									2519.3	2807.5	3095.7	3383.8	3672.0	3960.2	4248.4	0
47									2631.2	2932.2	3233.2	3534.2	3835.2	4136.2	4437.2	0
48									2745.6	3059.6	3373.7	3687.8	4001.9	4315.9	4630.0	0
49									2862.3	3189.7	3517.1	3844.6	4172.0	4499.4	4826.9	0
50									2981.4	3322.5	3663.5	4004.6	4345.6	4686.7	5027.8	0
BASIS TREES	0	0	0	4	12	11	10	1	0	0	0	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
ASPEN
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.1	.1	.2	.3	.5	.8	1.1									21
8	.1	.2	.2	.4	1.1	2.0	3.1	4.4								12
9	.1	.1	.2	.5	1.8	3.5	5.6	8.0	10.7							*11
10		.1	.1	.5	2.5	5.2	8.4	12.3	16.6							*07
11		.0	.1	.5	3.4	7.1	11.7	17.1	23.2	30.0						15
12		.0	.0	.6	4.3	9.3	15.3	22.5	30.5	39.5						10
13		.0	.0	.8	5.4	11.6	19.3	28.3	38.5	49.7	62.0					7
14		.0	.0	.9	6.6	14.2	23.6	34.5	47.0	60.8	75.8					3
15			.0	1.1	7.9	16.9	28.1	41.2	56.1	72.5	90.5	109.8				2
16			.0	1.3	9.2	19.8	32.9	48.3	65.7	85.0	106.1	128.7				0
17			.0	1.5	10.6	22.9	38.0	55.8	75.9	98.2	122.6	148.7	176.5			1
18			.0	1.7	12.1	26.2	43.4	63.7	86.7	112.2	140.0	169.8	201.6			0
19			.0	1.9	13.7	29.6	49.1	72.0	98.0	126.9	158.3	192.1	228.0	265.8		1
20				2.1	15.4	33.2	55.1	80.8	110.0	142.3	177.5	215.4	255.7	298.2		0
21				2.4	17.1	36.9	61.3	89.9	122.4	158.5	197.7	239.9	284.7	332.0	381.5	0
22				2.6	19.0	40.9	67.9	99.5	135.5	175.4	218.8	265.5	315.1	367.5	422.2	0
23				2.9	20.9	45.0	74.7	109.5	149.1	193.0	240.8	292.2	346.8	404.5	464.7	0
24				3.2	22.8	49.2	81.8	120.0	163.3	211.4	263.8	320.0	379.9	443.0	509.1	0
25					24.9	53.7	89.2	130.8	178.1	230.5	287.6	349.0	414.3	483.1	555.2	0
26					27.1	58.3	96.9	142.1	193.5	250.4	312.5	379.2	450.1	524.9	603.1	0
27					29.3	63.1	104.9	153.8	209.4	271.1	338.2	410.4	487.2	568.1	652.9	0
28					31.6	68.1	113.1	166.0	226.0	292.5	364.9	442.8	525.7	613.0	704.4	0
29					34.0	73.3	121.7	178.5	243.1	314.6	392.6	476.4	565.5	659.5	757.8	0
30						78.6	130.6	191.5	260.8	337.5	421.2	511.1	606.7	707.5	813.0	0
31						84.1	139.7	205.0	279.1	361.2	450.7	547.0	649.3	757.2	870.1	0
32						89.8	149.2	218.8	297.9	385.6	481.2	584.0	693.2	808.4	928.9	0
33						95.6	158.9	233.1	317.4	410.8	512.7	622.1	738.5	861.2	989.7	0
34						101.7	168.9	247.9	337.4	436.8	545.0	661.4	785.2	915.6	1052.2	0
35							179.3	263.0	358.1	463.5	578.4	701.9	833.2	971.7	1116.6	0
36							189.9	278.6	379.3	491.0	612.7	743.5	882.6	1029.3	1182.8	0
37							200.8	294.6	401.1	519.2	647.9	786.3	933.4	1088.5	1250.8	0
38							212.0	311.1	423.5	548.2	684.1	830.2	985.5	1149.3	1320.7	0
39							223.5	328.0	446.5	578.0	721.3	875.3	1039.1	1211.7	1392.5	0
40								345.3	470.1	608.5	759.4	921.5	1094.0	1275.8	1466.1	0
41								363.0	494.3	639.8	798.4	968.9	1150.3	1341.4	1541.5	0
42								381.2	519.1	671.9	838.5	1017.5	1207.9	1408.6	1618.7	0
43								399.9	544.4	704.7	879.4	1067.2	1266.9	1477.5	1697.9	0
44								418.9	570.4	738.3	921.4	1118.1	1327.3	1547.9	1778.8	0
45									596.9	772.7	964.2	1170.1	1389.1	1620.0	1861.6	0
46									624.1	807.8	1008.1	1223.3	1452.3	1693.6	1946.3	0
47									651.8	843.7	1052.9	1277.7	1516.8	1768.9	2032.7	0
48									680.1	880.4	1098.6	1333.2	1582.7	1845.8	2121.1	0
49									709.0	917.8	1145.3	1389.9	1650.0	1924.2	2211.3	0
50									738.5	956.0	1193.0	1447.7	1718.7	2004.3	2303.3	0
BASIS TREES	0	0	9	44	22	26	15	3	0	0	0	0	0	0	0	

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.3	.4														0
3	.4	.5	.7													0
4	.5	.8	1.1	1.4												0
5	.7	1.1	1.6	2.1	2.5											2
6	.9	1.5	2.2	2.9	3.5	4.2										1
7	1.1	2.0	2.9	3.8	4.7	5.6	6.5									2
8	1.4	2.6	3.7	4.9	6.1	7.3	8.5	9.6								1
9	1.7	3.2	4.7	6.2	7.7	9.2	10.6	12.1	13.6							2
10		3.9	5.7	7.6	9.4	11.3	13.1	14.9	16.8							2
11		4.7	6.9	9.1	11.3	13.6	15.8	18.0	20.2	22.5						1
12		5.5	8.2	10.8	13.5	16.1	18.8	21.4	24.1	26.7						1
13		6.4	9.5	12.6	15.8	18.9	22.0	25.1	28.2	31.3	34.4					5
14		7.4	11.0	14.6	18.2	21.8	25.5	29.1	32.7	36.3	39.9					1
15			12.6	16.8	20.9	25.1	29.2	33.3	37.5	41.6	45.7	49.9				0
16			14.3	19.1	23.8	28.5	33.2	37.9	42.6	47.3	52.0	56.7				1
17			16.2	21.5	26.8	32.1	37.4	42.8	48.1	53.4	58.7	64.0	69.3			0
18			18.1	24.1	30.0	36.0	41.9	47.9	53.9	59.8	65.8	71.7	77.7			1
19			20.1	26.8	33.4	40.1	46.7	53.3	60.0	66.6	73.3	79.9	86.6	93.2		0
20				29.7	37.0	44.4	51.7	59.1	66.4	73.8	81.2	88.5	95.9	103.2		1
21				32.7	40.8	48.9	57.0	65.1	73.2	81.4	89.5	97.6	105.7	113.8	121.9	1
22				35.8	44.7	53.6	62.5	71.5	80.4	89.3	98.2	107.1	116.0	124.9	133.8	1
23				39.1	48.9	58.6	68.3	78.1	87.8	97.5	107.3	117.0	126.7	136.5	146.2	0
24				42.6	53.2	63.8	74.4	85.0	95.6	106.2	116.8	127.4	138.0	148.6	159.2	3
25					57.7	69.2	80.7	92.2	103.7	115.2	126.7	138.2	149.7	161.2	172.7	2
26					62.4	74.8	87.3	99.7	112.2	124.6	137.0	149.5	161.9	174.3	186.8	1
27					67.3	80.7	94.1	107.5	120.9	134.3	147.8	161.2	174.6	188.0	201.4	0
28					72.3	86.8	101.2	115.6	130.0	144.5	158.9	173.3	187.7	202.2	216.6	3
29					77.6	93.1	108.5	124.0	139.5	155.0	170.4	185.9	201.4	216.8	232.3	2
30					83.0	99.6	116.1	132.7	149.2	165.8	182.4	198.9	215.5	232.0	248.6	1
31						106.3	124.0	141.7	159.3	177.0	194.7	212.4	230.1	247.8	265.4	1
32						113.3	132.1	150.9	169.8	188.6	207.5	226.3	245.1	264.0	282.8	0
33						120.4	140.5	160.5	180.5	200.6	220.6	240.7	260.7	280.7	300.8	2
34						127.8	149.1	170.4	191.6	212.9	234.2	255.4	276.7	298.0	319.3	2
35						135.4	158.0	180.5	203.1	225.6	248.1	270.7	293.2	315.8	338.3	1
36							167.1	191.0	214.8	238.7	262.5	286.4	310.2	334.1	357.9	1
37							176.5	201.7	226.9	252.1	277.3	302.5	327.7	352.9	378.0	0
38							186.2	212.8	239.3	265.9	292.5	319.0	345.6	372.2	398.7	0
39							196.1	224.1	252.1	280.1	308.1	336.0	364.0	392.0	420.0	0
40							206.3	235.7	265.2	294.6	324.0	353.5	382.9	412.4	441.8	0
41								247.6	278.6	309.5	340.4	371.4	402.3	433.2	464.2	0
42								259.9	292.3	324.8	357.2	389.7	422.2	454.6	487.1	0
43								272.4	306.4	340.4	374.4	408.5	442.5	476.5	510.5	0
44								285.2	320.8	356.4	392.0	427.7	463.3	498.9	534.5	1
45								298.3	335.5	372.8	410.1	447.3	484.6	521.8	559.1	0
46									350.6	389.5	428.5	467.4	506.3	545.3	584.2	0
47									366.0	406.7	447.3	487.9	528.6	569.2	609.9	0
48									381.7	424.1	466.5	508.9	551.3	593.7	636.1	0
49									397.8	442.0	486.2	530.3	574.5	618.7	662.9	0
50									414.2	460.2	506.2	552.2	598.2	644.2	690.2	0
BASIS TREES	0	1	2	3	3	6	11	4	5	3	4	0	0	1	0	

TOTAL STEM NET CUBIC FOOT VOLUME
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.3	.4														0
3	.4	.5	.7													0
4	.5	.8	1.1	1.4												0
5	.7	1.1	1.6	2.0	2.5											2
6	.9	1.5	2.2	2.8	3.5	4.2										1
7	1.1	2.0	2.9	3.8	4.7	5.6	6.5									2
8	1.4	2.5	3.7	4.9	6.0	7.2	8.4	9.5								1
9	1.7	3.1	4.6	6.1	7.6	9.0	10.5	12.0	13.4							2
10		3.8	5.6	7.4	9.2	11.0	12.8	14.6	16.5							2
11		4.6	6.7	8.9	11.1	13.2	15.4	17.6	19.8	21.9						1
12		5.3	7.9	10.5	13.0	15.6	18.2	20.8	23.3	25.9						1
13		6.2	9.2	12.2	15.2	18.2	21.1	24.1	27.1	30.1	33.1					5
14		7.1	10.5	14.0	17.4	20.8	24.3	27.7	31.2	34.6	38.0					1
15			11.9	15.8	19.8	23.7	27.6	31.5	35.4	39.3	43.2	47.1				0
16			13.4	17.8	22.2	26.6	31.0	35.4	39.8	44.2	48.6	53.0				1
17			14.9	19.8	24.8	29.7	34.6	39.5	44.4	49.3	54.2	59.1	64.1			0
18			16.5	21.9	27.4	32.8	38.2	43.7	49.1	54.6	60.0	65.4	70.9			2
19			18.1	24.1	30.1	36.0	42.0	48.0	54.0	59.9	65.9	71.9	77.9	83.8		1
20				26.3	32.8	39.3	45.9	52.4	58.9	65.4	71.9	78.5	85.0	91.5		1
21				28.5	35.6	42.7	49.8	56.8	63.9	71.0	78.1	85.2	92.2	99.3	106.4	1
22				30.8	38.4	46.1	53.7	61.4	69.0	76.7	84.3	91.9	99.6	107.2	114.9	2
23				33.1	41.3	49.5	57.7	65.9	74.1	82.4	90.6	98.8	107.0	115.2	123.5	1
24				35.4	44.1	52.9	61.7	70.5	79.3	88.1	96.9	105.7	114.5	123.3	132.1	3
25					47.0	56.4	65.8	75.2	84.5	93.9	103.3	112.7	122.0	131.4	140.8	2
26					50.0	59.9	69.9	79.8	89.8	99.7	109.7	119.7	129.6	139.6	149.5	1
27					52.9	63.4	74.0	84.5	95.1	105.6	116.1	126.7	137.2	147.8	158.3	0
28					55.8	67.0	78.1	89.2	100.4	111.5	122.6	133.8	144.9	156.0	167.2	3
29					58.8	70.5	82.3	94.0	105.7	117.4	129.2	140.9	152.6	164.3	176.1	2
30						74.1	86.4	98.8	111.1	123.4	135.7	148.1	160.4	172.7	185.0	1
31						77.7	90.7	103.6	116.5	129.4	142.4	155.3	168.2	181.2	194.1	1
32						81.4	94.9	108.5	122.0	135.5	149.1	162.6	176.2	189.7	203.2	0
33						85.1	99.2	113.4	127.5	141.7	155.9	170.0	184.2	198.3	212.5	2
34						88.8	103.6	118.4	133.2	148.0	162.7	177.5	192.3	207.1	221.9	2
35							108.1	123.5	138.9	154.3	169.7	185.1	200.6	216.0	231.4	1
36							112.6	128.6	144.7	160.8	176.8	192.9	209.0	225.0	241.1	1
37							117.2	133.9	150.6	167.4	184.1	200.8	217.5	234.2	251.0	0
38							121.9	139.3	156.7	174.1	191.5	208.9	226.3	243.6	261.0	0
39							126.7	144.8	162.9	180.9	199.0	217.1	235.2	253.3	271.4	0
40								150.4	169.2	188.0	206.8	225.6	244.3	263.1	281.9	0
41								156.2	175.7	195.2	214.7	234.2	253.7	273.2	292.7	1
42								162.1	182.4	202.6	222.8	243.1	263.3	283.6	303.8	0
43								168.2	189.2	210.2	231.2	252.2	273.2	294.2	315.2	0
44								174.4	196.2	218.0	239.8	261.6	283.4	305.1	326.9	1
45									203.4	226.0	248.6	271.2	293.8	316.4	339.0	0
46									210.8	234.3	257.7	281.1	304.5	327.9	351.3	0
47									218.5	242.7	267.0	291.3	315.5	339.8	364.0	0
48									226.3	251.4	276.6	301.7	326.8	352.0	377.1	0
49									234.4	260.4	286.4	312.4	338.5	364.5	390.5	0
50									242.6	269.6	296.5	323.5	350.4	377.4	404.3	0
BASIS TREES	0	1	2	3	3	6	12	5	7	3	4	1	0	1	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.8	1.1	1.4	1.7											0
6	.7	1.2	1.8	2.3	2.8	3.3										0
7	.9	1.7	2.4	3.2	4.0	4.8	5.6									0
8	1.1	2.1	3.2	4.3	5.4	6.5	7.5	8.6								1
9	1.3	2.7	4.1	5.5	6.9	8.3	9.7	11.1	12.5							0
10		3.3	5.0	6.8	8.6	10.3	12.1	13.8	15.6							1
11		3.9	6.1	8.3	10.4	12.6	14.7	16.9	19.0	21.2						1
12		4.7	7.2	9.8	12.4	15.0	17.6	20.2	22.7	25.3						1
13		5.4	8.5	11.5	14.6	17.6	20.7	23.7	26.8	29.8	32.9					4
14		6.3	9.8	13.4	16.9	20.5	24.0	27.6	31.1	34.7	38.2					2
15			11.2	15.3	19.4	23.5	27.6	31.7	35.8	39.9	43.9	48.0				1
16			12.8	17.4	22.1	26.8	31.4	36.1	40.7	45.4	50.1	54.7				5
17			14.4	19.7	24.9	30.2	35.5	40.8	46.0	51.3	56.6	61.8	67.1			9
18			16.1	22.0	28.0	33.9	39.8	45.7	51.6	57.5	63.5	69.4	75.3			7
19			17.9	24.5	31.1	37.7	44.3	50.9	57.5	64.1	70.7	77.3	83.9	90.5		16
20				27.2	34.5	41.8	49.1	56.5	63.8	71.1	78.4	85.7	93.1	100.4		3
21				29.9	38.0	46.1	54.2	62.2	70.3	78.4	86.5	94.6	102.6	110.7	118.8	10
22				32.8	41.7	50.6	59.5	68.3	77.2	86.1	94.9	103.8	112.7	121.5	130.4	11
23				35.9	45.6	55.3	65.0	74.7	84.4	94.1	103.8	113.5	123.2	132.9	142.6	5
24				39.1	49.6	60.2	70.8	81.3	91.9	102.4	113.0	123.6	134.1	144.7	155.3	14
25					53.8	65.3	76.8	88.2	99.7	111.2	122.6	134.1	145.6	157.0	168.5	12
26					58.2	70.6	83.0	95.4	107.8	120.2	132.7	145.1	157.5	169.9	182.3	10
27					62.8	76.1	89.5	102.9	116.3	129.7	143.1	156.4	169.8	183.2	196.6	12
28					67.5	81.9	96.3	110.7	125.1	139.5	153.9	168.3	182.7	197.1	211.4	8
29					72.4	87.8	103.3	118.7	134.2	149.6	165.1	180.5	195.9	211.4	226.8	8
30						94.0	110.5	127.0	143.6	160.1	176.6	193.2	209.7	226.2	242.8	8
31						100.3	118.0	135.6	153.3	171.0	188.6	206.3	223.9	241.6	259.2	6
32						106.9	125.7	144.5	163.3	182.2	201.0	219.8	238.6	257.4	276.2	2
33						113.7	133.7	153.7	173.7	193.7	213.7	233.7	253.8	273.8	293.8	1
34						120.7	141.9	163.1	184.4	205.6	226.9	248.1	269.4	290.6	311.9	2
35							150.4	172.9	195.4	217.9	240.4	262.9	285.5	308.0	330.5	0
36							159.1	182.9	206.7	230.5	254.4	278.2	302.0	325.8	349.7	0
37							168.0	193.2	218.4	243.5	268.7	293.9	319.0	344.2	369.4	0
38							177.2	203.8	230.3	256.9	283.4	310.0	336.5	363.0	389.6	0
39							186.7	214.6	242.6	270.5	298.5	326.5	354.4	382.4	410.4	0
40								225.8	255.2	284.6	314.0	343.4	372.9	402.3	431.7	0
41								237.2	268.1	299.0	329.9	360.8	391.7	422.6	453.5	0
42								248.9	281.3	313.8	346.2	378.6	411.1	443.5	475.9	0
43								260.9	294.9	328.9	362.9	396.9	430.9	464.9	498.9	0
44								273.1	308.7	344.3	379.9	415.5	451.1	486.8	522.4	0
45									322.9	360.2	397.4	434.6	471.9	509.1	546.4	0
46									337.4	376.3	415.3	454.2	493.1	532.0	570.9	0
47									352.2	392.9	433.5	474.1	514.8	555.4	596.0	0
48									367.4	409.8	452.1	494.5	536.9	579.3	621.6	0
49									382.8	427.0	471.2	515.3	559.5	603.7	647.8	0
50									398.6	444.6	490.6	536.6	582.6	628.5	674.5	0
BASIS TREES	0	0	3	7	12	29	36	32	24	12	7	2	1	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.5	.8	1.1	1.4	1.7											2
6	.7	1.2	1.7	2.3	2.8	3.3										1
7	.9	1.7	2.4	3.2	4.0	4.8	5.6									2
8	1.1	2.1	3.2	4.3	5.3	6.4	7.5	8.5								1
9	1.3	2.7	4.0	5.4	6.8	8.2	9.6	10.9	12.3							2
10		3.2	5.0	6.7	8.4	10.1	11.9	13.6	15.3							2
11		3.8	6.0	8.1	10.2	12.3	14.4	16.5	18.6	20.7						1
12		4.5	7.0	9.5	12.0	14.5	17.0	19.5	22.0	24.5						1
13		5.2	8.2	11.1	14.0	17.0	19.9	22.8	25.8	28.7	31.6					5
14		6.0	9.4	12.8	16.1	19.5	22.9	26.3	29.7	33.1	36.5					1
15			10.6	14.5	18.4	22.2	26.1	29.9	33.8	37.7	41.5	45.4				0
16			11.9	16.3	20.7	25.0	29.4	33.7	38.1	42.4	46.8	51.2				1
17			13.3	18.2	23.0	27.9	32.8	37.7	42.5	47.4	52.3	57.1	62.0			0
18			14.7	20.1	25.5	30.9	36.3	41.7	47.1	52.5	57.9	63.3	68.7			2
19			16.1	22.1	28.0	34.0	39.9	45.8	51.8	57.7	63.7	69.6	75.5	81.5		1
20				24.1	30.6	37.1	43.6	50.1	56.5	63.0	69.5	76.0	82.5	89.0		1
21				26.1	33.2	40.2	47.3	54.4	61.4	68.5	75.5	82.6	89.6	96.7	103.7	1
22				28.2	35.8	43.5	51.1	58.7	66.3	73.9	81.6	89.2	96.8	104.4	112.0	2
23				30.3	38.5	46.7	54.9	63.1	71.3	79.5	87.7	95.9	104.1	112.2	120.4	1
24				32.4	41.2	50.0	58.7	67.5	76.3	85.1	93.8	102.6	111.4	120.1	128.9	3
25					43.9	53.3	62.6	72.0	81.3	90.7	100.0	109.4	118.7	128.1	137.4	2
26					46.6	56.6	66.5	76.5	86.4	96.3	106.3	116.2	126.2	136.1	146.0	1
27					49.4	59.9	70.4	81.0	91.5	102.0	112.5	123.1	133.6	144.1	154.7	0
28					52.1	63.3	74.4	85.5	96.6	107.7	118.9	130.0	141.1	152.2	163.3	3
29					54.9	66.6	78.3	90.1	101.8	113.5	125.2	136.9	148.6	160.4	172.1	2
30						70.0	82.3	94.7	107.0	119.3	131.6	143.9	156.2	168.6	180.9	1
31						73.4	86.4	99.3	112.2	125.1	138.1	151.0	163.9	176.8	189.8	1
32						76.9	90.4	104.0	117.5	131.1	144.6	158.1	171.7	185.2	198.7	0
33						80.4	94.6	108.7	122.9	137.0	151.2	165.4	179.5	193.7	207.8	2
34						84.0	98.7	113.5	128.3	143.1	157.9	172.7	187.5	202.2	217.0	2
35							103.0	118.4	133.8	149.3	164.7	180.1	195.5	211.0	226.4	1
36							107.3	123.4	139.5	155.5	171.6	187.7	203.8	219.8	235.9	1
37							111.7	128.5	145.2	161.9	178.7	195.4	212.1	228.9	245.6	0
38							116.2	133.6	151.0	168.5	185.9	203.3	220.7	238.1	255.5	0
39							120.8	138.9	157.0	175.1	193.2	211.3	229.4	247.5	265.6	0
40								144.3	163.1	182.0	200.8	219.6	238.4	257.2	276.0	0
41								149.9	169.4	189.0	208.5	228.0	247.6	267.1	286.6	1
42								155.6	175.9	196.1	216.4	236.7	257.0	277.2	297.5	0
43								161.4	182.5	203.5	224.6	245.6	266.6	287.7	308.7	0
44								167.4	189.3	211.1	232.9	254.7	276.6	298.4	320.2	1
45									196.2	218.9	241.5	264.1	286.8	309.4	332.0	0
46									203.4	226.9	250.3	273.8	297.2	320.7	344.2	0
47									210.8	235.1	259.4	283.7	308.0	332.3	356.6	0
48									218.3	243.5	268.7	293.9	319.1	344.3	369.5	0
49									226.1	252.2	278.3	304.4	330.5	356.6	382.6	0
50									234.1	261.1	288.1	315.2	342.2	369.2	396.2	0
BASIS TREES	0	1	2	3	3	6	12	5	7	3	4	1	0	1	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.1	1.6	2.2	2.7	3.2	3.7									0
8	.8	1.7	2.5	3.4	4.2	5.0	5.9	6.7								1
9	1.1	2.3	3.5	4.7	5.8	7.0	8.2	9.4	10.6							0
10		2.9	4.5	6.1	7.6	9.2	10.8	12.3	13.9							1
11		3.6	5.6	7.6	9.5	11.5	13.5	15.5	17.5	19.5						1
12		4.3	6.8	9.2	11.6	14.0	16.5	18.9	21.3	23.7						1
13		5.1	8.0	10.9	13.8	16.8	19.7	22.6	25.5	28.4	31.3					4
14		6.0	9.4	12.8	16.2	19.7	23.1	26.5	29.9	33.3	36.7					2
15			10.9	14.8	18.8	22.7	26.7	30.7	34.6	38.6	42.6	46.5				1
16			12.4	17.0	21.5	26.0	30.6	35.1	39.7	44.2	48.8	53.3				5
17			14.1	19.2	24.4	29.5	34.7	39.9	45.0	50.2	55.3	60.5	65.7			9
18			15.8	21.6	27.4	33.2	39.1	44.9	50.7	56.5	62.3	68.1	73.9			7
19			17.6	24.1	30.6	37.1	43.6	50.1	56.6	63.1	69.6	76.1	82.6	89.1		16
20				26.8	34.0	41.2	48.5	55.7	62.9	70.1	77.4	84.6	91.8	99.0		8
21				29.6	37.6	45.6	53.5	61.5	69.5	77.5	85.5	93.5	101.5	109.4	117.4	10
22				32.5	41.3	50.1	58.9	67.6	76.4	85.2	94.0	102.8	111.5	120.3	129.1	11
23				35.6	45.2	54.8	64.4	74.0	83.6	93.3	102.9	112.5	122.1	131.7	141.3	5
24				38.7	49.2	59.7	70.2	80.7	91.2	101.7	112.1	122.6	133.1	143.6	154.1	14
25					53.5	64.8	76.2	87.6	99.0	110.4	121.8	133.2	144.6	156.0	167.4	12
26					57.8	70.2	82.5	94.8	107.2	119.5	131.9	144.2	156.5	168.9	181.2	10
27					62.4	75.7	89.0	102.3	115.7	129.0	142.3	155.6	168.9	182.2	195.5	12
28					67.1	81.5	95.8	110.1	124.5	138.8	153.1	167.4	181.8	196.1	210.4	8
29					72.0	87.4	102.8	118.2	133.6	149.0	164.3	179.7	195.1	210.5	225.9	8
30						93.6	110.1	126.5	143.0	159.5	175.9	192.4	208.9	225.3	241.8	8
31						100.0	117.6	135.2	152.7	170.3	187.9	205.5	223.1	240.7	258.3	6
32						106.5	125.3	144.1	162.8	181.6	200.3	219.1	237.8	256.6	275.4	2
33						113.3	133.3	153.2	173.2	193.1	213.1	233.1	253.0	273.0	292.9	1
34						120.3	141.5	162.7	183.9	205.1	226.3	247.5	268.7	289.8	311.0	2
35							150.0	172.4	194.9	217.4	239.8	262.3	284.8	307.2	329.7	0
36							158.7	182.5	206.2	230.0	253.8	277.6	301.3	325.1	348.9	0
37							167.7	192.8	217.9	243.0	268.1	293.2	318.4	343.5	368.6	0
38							176.9	203.4	229.9	256.4	282.9	309.4	335.9	362.3	388.8	0
39							186.3	214.2	242.1	270.1	298.0	325.9	353.8	381.7	409.6	0
40								225.4	254.7	284.1	313.5	342.9	372.2	401.6	431.0	0
41								236.8	267.7	298.5	329.4	360.3	391.1	422.0	452.9	0
42								248.5	280.9	313.3	345.7	378.1	410.5	442.9	475.3	0
43								260.5	294.5	328.4	362.4	396.3	430.3	464.3	498.2	0
44								272.8	308.3	343.9	379.5	415.0	450.6	486.1	521.7	0
45									322.5	359.7	396.9	434.1	471.3	508.5	545.7	0
46									337.1	375.9	414.8	453.7	492.6	531.4	570.3	0
47									351.9	392.5	433.1	473.6	514.2	554.8	595.4	0
48									367.0	409.4	451.7	494.0	536.4	578.7	621.1	0
49									382.5	426.6	470.7	514.9	559.0	603.1	647.2	0
50									398.3	444.2	490.2	536.1	582.1	628.0	674.0	0
BASIS TREES	0	0	1	7	12	29	36	32	24	12	7	2	1	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.1	1.6	2.1	2.6	3.2	3.7									2
8	.8	1.7	2.5	3.3	4.2	5.0	5.8	6.6								1
9	1.1	2.2	3.4	4.6	5.8	6.9	8.1	9.3	10.5							2
10		2.9	4.4	5.9	7.5	9.0	10.6	12.1	13.6							2
11		3.5	5.4	7.4	9.3	11.2	13.2	15.1	17.0	19.0						1
12		4.2	6.6	8.9	11.3	13.6	16.0	18.3	20.7	23.0						1
13		4.9	7.7	10.5	13.3	16.1	18.9	21.7	24.5	27.3	30.1					5
14		5.7	9.0	12.2	15.5	18.7	22.0	25.3	28.5	31.8	35.0					1
15			10.3	14.0	17.7	21.5	25.2	29.0	32.7	36.4	40.2	43.9				0
16			11.6	15.8	20.1	24.3	28.6	32.8	37.1	41.3	45.6	49.8				1
17			13.0	17.8	22.5	27.3	32.0	36.8	41.6	46.3	51.1	55.9	60.6			0
18			14.4	19.7	25.0	30.3	35.6	40.9	46.2	51.5	56.8	62.1	67.4			2
19			15.9	21.7	27.6	33.4	39.2	45.1	50.9	56.8	62.6	68.5	74.3	80.2		1
20				23.7	30.1	36.5	42.9	49.3	55.7	62.2	68.6	75.0	81.4	87.8		1
21				25.8	32.8	39.7	46.7	53.7	60.6	67.6	74.6	81.5	88.5	95.5	102.4	1
22				27.9	35.4	43.0	50.5	58.0	65.6	73.1	80.7	88.2	95.7	103.3	110.8	2
23				30.0	38.1	46.2	54.4	62.5	70.6	78.7	86.8	94.9	103.0	111.2	119.3	1
24				32.1	40.8	49.5	58.2	66.9	75.6	84.3	93.0	101.7	110.4	119.1	127.8	3
25					43.5	52.8	62.1	71.4	80.7	90.0	99.2	108.5	117.8	127.1	136.4	2
26					46.3	56.2	66.0	75.9	85.8	95.6	105.5	115.4	125.2	135.1	145.0	1
27					49.0	59.5	70.0	80.4	90.9	101.3	111.8	122.3	132.7	143.2	153.6	0
28					51.8	62.9	73.9	85.0	96.0	107.1	118.1	129.2	140.2	151.3	162.3	3
29					54.6	66.2	77.9	89.5	101.2	112.8	124.5	136.1	147.8	159.4	171.1	2
30						69.6	81.9	94.1	106.4	118.6	130.9	143.2	155.4	167.7	179.9	1
31						73.1	85.9	98.8	111.6	124.5	137.4	150.2	163.1	176.0	188.8	1
32						76.5	90.0	103.5	117.0	130.4	143.9	157.4	170.9	184.3	197.8	0
33						80.0	94.1	108.2	122.3	136.4	150.5	164.6	178.7	192.8	206.9	2
34						83.6	98.3	113.0	127.8	142.5	157.2	171.9	186.7	201.4	216.1	2
35							102.6	117.9	133.3	148.7	164.0	179.4	194.8	210.1	225.5	1
36							106.9	122.9	138.9	154.9	171.0	187.0	203.0	219.0	235.0	1
37							111.3	128.0	144.7	161.3	178.0	194.7	211.4	228.0	244.7	0
38							115.8	133.2	150.5	167.9	185.2	202.6	219.9	237.3	254.6	0
39							120.4	138.5	156.5	174.6	192.6	210.6	228.7	246.7	264.8	0
40								143.9	162.6	181.4	200.1	218.9	237.7	256.4	275.2	0
41								149.4	168.9	188.4	207.9	227.4	246.8	266.3	285.8	1
42								155.2	175.4	195.6	215.8	236.0	256.3	276.5	296.7	0
43								161.0	182.0	203.0	224.0	245.0	265.9	286.9	307.9	0
44								167.0	188.8	210.6	232.3	254.1	275.9	297.7	319.4	1
45									195.8	218.4	240.9	263.5	286.1	308.7	331.3	0
46									203.0	226.4	249.8	273.2	296.6	320.0	343.4	0
47									210.3	234.6	258.9	283.1	307.4	331.7	355.9	0
48									217.9	243.1	268.2	293.3	318.5	343.6	368.8	0
49									225.7	251.8	277.8	303.8	329.9	355.9	382.0	0
50									233.7	260.7	287.7	314.6	341.6	368.5	395.5	0
BASIS TREES	0	1	2	3	3	6	12	5	7	3	4	1	0	1	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.7	1.3	1.8	2.4	3.0	3.6	4.2									2
8	1.8	3.7	5.6	7.4	9.3	11.2	13.0	14.9								1
9	3.2	6.7	10.3	13.8	17.4	20.9	24.5	28.0	31.5							2
10		10.3	15.8	21.3	26.9	32.4	37.9	43.5	49.0							2
11		14.2	22.0	29.8	37.6	45.4	53.2	61.0	68.8	76.6						1
12		18.5	28.8	39.2	49.5	59.8	70.1	80.5	90.8	101.1						1
13		23.2	36.3	49.4	62.5	75.6	88.7	101.8	114.9	128.0	141.0					5
14		28.3	44.4	60.5	76.6	92.7	108.8	124.9	140.9	157.0	173.1					1
15			53.1	72.4	91.7	111.0	130.4	149.7	169.0	188.4	207.7	227.0				0
16			62.3	85.1	107.9	130.7	153.5	176.3	199.1	221.9	244.7	267.5				1
17			72.2	98.7	125.2	151.7	178.2	204.7	231.2	257.7	284.2	310.7	337.1			0
18			82.7	113.1	143.5	174.0	204.4	234.8	265.2	295.6	326.0	356.5	386.9			1
19			93.8	128.4	162.9	197.5	232.1	266.7	301.2	335.8	370.4	404.9	439.5	474.1		0
20				144.5	183.4	222.4	261.3	300.3	339.2	378.2	417.1	456.1	495.0	534.0		1
21				161.4	204.9	248.5	292.0	335.6	379.2	422.7	466.3	509.8	553.4	597.0	640.5	1
22				179.1	227.5	275.9	324.3	372.7	421.1	469.5	517.9	566.3	614.7	663.1	711.5	1
23				197.7	251.1	304.6	358.1	411.5	465.0	518.5	571.9	625.4	678.9	732.3	785.8	0
24				217.1	275.8	334.6	393.4	452.1	510.9	569.6	628.4	687.2	745.9	804.7	863.4	3
25					301.6	365.9	430.2	494.5	558.8	623.0	687.3	751.6	815.9	880.2	944.5	2
26					328.4	398.5	468.5	538.6	608.6	678.6	748.7	818.7	888.7	958.8	1028.8	1
27					356.3	432.4	508.4	584.4	660.4	736.4	812.4	888.5	964.5	1040.5	1116.5	0
28					385.3	467.5	549.8	632.0	714.2	796.4	878.7	960.9	1043.1	1125.4	1207.6	3
29					415.3	504.0	592.7	681.3	770.0	858.7	947.3	1036.0	1124.7	1213.3	1302.0	2
30						541.8	637.1	732.4	827.8	923.1	1018.4	1113.8	1209.1	1304.4	1399.8	1
31						580.8	683.0	785.3	887.5	989.7	1092.0	1194.2	1296.4	1398.7	1500.9	1
32						621.2	730.5	839.9	949.2	1058.6	1168.0	1277.3	1386.7	1496.0	1605.4	0
33						662.8	779.5	896.2	1012.9	1129.7	1246.4	1363.1	1479.8	1596.5	1713.2	2
34						705.8	830.0	954.3	1078.6	1202.9	1327.2	1451.5	1575.8	1700.1	1824.4	2
35							882.1	1014.2	1146.3	1278.4	1410.6	1542.7	1674.8	1806.9	1939.0	1
36							935.7	1075.8	1216.0	1356.1	1496.3	1636.5	1776.6	1916.8	2056.9	1
37							990.8	1139.2	1287.6	1436.1	1584.5	1732.9	1881.4	2029.8	2178.2	0
38							1047.4	1204.4	1361.3	1518.2	1675.1	1832.1	1989.0	2145.9	2302.9	0
39							1105.6	1271.3	1436.9	1602.6	1768.2	1933.9	2099.6	2265.2	2430.9	0
40								1339.9	1514.5	1689.1	1863.8	2038.4	2213.0	2387.6	2562.2	0
41								1410.3	1594.1	1777.9	1961.7	2145.6	2329.4	2513.2	2697.0	0
42								1482.5	1675.7	1868.9	2062.2	2255.4	2448.6	2641.9	2835.1	0
43								1556.4	1759.3	1962.2	2165.0	2367.9	2570.8	2773.7	2976.6	0
44								1632.1	1844.8	2057.6	2270.4	2483.1	2695.9	2908.6	3121.4	1
45									1932.4	2155.3	2378.1	2601.0	2823.9	3046.7	3269.6	0
46									2021.9	2255.1	2488.3	2721.5	2954.7	3187.9	3421.1	0
47									2113.5	2357.2	2601.0	2844.8	3088.5	3332.3	3576.1	0
48									2207.0	2461.5	2716.1	2970.7	3225.2	3479.8	3734.4	0
49									2302.5	2568.1	2833.7	3099.2	3364.8	3630.4	3896.0	0
50									2400.0	2676.8	2953.7	3230.5	3507.4	3784.2	4061.1	0
BASIS TREES	0	0	1	2	3	6	11	4	5	3	4	0	0	1	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.7	1.2	1.7	2.1	2.6	3.0	3.3									2
8	1.8	3.5	5.1	6.6	8.0	9.2	10.4	11.6								1
9	3.1	6.4	9.5	12.3	14.9	17.3	19.5	21.8	24.1							2
10		9.7	14.5	18.9	23.0	26.7	30.3	33.8	37.3							2
11		13.4	20.2	26.4	32.1	37.4	42.4	47.3	52.3	57.4						1
12		17.5	26.5	34.7	42.2	49.2	55.7	62.2	68.8	75.4						1
13		21.9	33.3	43.8	53.3	62.0	70.3	78.4	86.7	95.0	103.6					5
14		26.7	40.7	53.6	65.2	75.9	86.0	95.9	105.9	116.1	126.5					1
15			48.6	64.1	78.0	90.8	102.8	114.6	126.5	138.5	150.8	163.2				0
16			57.1	75.3	91.7	106.6	120.7	134.5	148.3	162.3	176.5	190.9				1
17			66.2	87.2	106.2	123.5	139.7	155.5	171.3	187.3	203.5	219.9	236.3			0
18			75.7	99.9	121.6	141.2	159.6	177.5	195.4	213.5	231.7	250.1	268.5			2
19			85.9	113.2	137.8	159.9	180.6	200.6	220.6	240.7	261.0	281.4	301.7	321.9		1
20				127.3	154.8	179.5	202.5	224.7	246.8	269.0	291.3	313.6	335.8	357.8		1
21				142.0	172.6	200.1	225.4	249.8	273.9	298.1	322.4	346.6	370.6	394.3	417.5	1
22				157.4	191.2	221.4	249.2	275.8	301.9	328.1	354.2	380.2	405.9	431.1	455.6	2
23				173.5	210.7	243.6	273.8	302.5	330.7	358.8	386.7	414.3	441.4	467.9	493.4	1
24				190.3	230.9	266.7	299.3	330.1	360.2	390.0	419.5	448.6	476.9	504.3	530.6	3
25					251.8	290.5	325.5	358.4	390.3	421.7	452.6	482.8	512.1	540.1	566.7	2
26					273.5	315.1	352.4	387.3	420.8	453.6	485.7	516.8	546.6	574.9	601.3	1
27					295.9	340.5	380.1	416.7	451.7	485.7	518.6	550.2	580.2	608.1	633.6	0
28					319.1	366.5	408.3	446.6	482.8	517.7	551.1	582.8	612.3	639.3	663.3	3
29					342.9	393.2	437.1	476.8	514.0	549.4	582.8	614.1	642.6	667.9	689.4	2
30						420.5	466.3	507.3	545.2	580.6	613.6	643.8	670.5	693.2	711.3	1
31						448.4	496.0	538.0	576.1	611.1	643.1	671.4	695.5	714.6	728.0	1
32						476.9	526.0	568.6	606.5	640.7	670.8	696.6	717.0	731.3	738.6	0
33						505.8	556.3	599.1	636.4	668.9	696.5	718.6	734.2	742.3	741.9	2
34						535.2	586.7	629.3	665.3	695.5	719.7	737.0	746.4	746.7	736.6	2
35							617.1	659.1	693.2	720.2	739.8	751.1	752.7	743.3	721.2	1
36							647.5	688.3	719.7	742.5	756.4	760.1	752.2	730.8	694.2	1
37							677.7	716.6	744.5	762.0	768.8	763.2	743.6	707.8	653.7	0
38							707.6	744.0	767.3	778.3	776.3	759.6	725.9	672.8	597.6	0
39							737.1	770.0	787.7	790.8	778.3	748.1	697.6	623.8	523.5	0
40								794.6	805.4	799.0	773.9	727.7	657.2	558.9	428.7	0
41								817.4	820.0	802.1	762.1	697.1	603.0	475.7	310.2	1
42								838.1	830.9	799.6	742.1	654.8	533.0	371.5	164.5	0
43								856.5	837.6	790.6	712.6	599.3	445.0	243.5	15.3	0
44								872.1	839.7	774.2	672.4	528.7	336.6	88.3	16.0	1
45									836.4	749.6	620.1	441.2	205.0	25.7	16.8	0
46									827.1	715.7	554.1	334.5	47.0	26.9	17.5	0
47									811.0	671.3	472.8	206.0	42.8	28.1	18.3	0
48									787.3	615.1	374.2	67.4	44.7	29.4	19.1	0
49									755.1	545.7	256.1	70.3	46.6	30.6	20.0	0
50									713.4	461.6	116.2	73.3	48.6	31.9	20.8	0
BASIS TREES	0	0	1	2	3	6	12	5	7	3	4	1	0	1	0	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.7	1.0	1.3	1.6	2.0	2.3									0
8	1.2	2.3	3.5	4.6	5.8	7.0	8.1	9.3								0
9	2.2	4.6	7.0	9.4	11.8	14.2	16.7	19.1	21.5							1
10		7.4	11.4	15.4	19.4	23.4	27.4	31.4	35.4							2
11		10.7	16.6	22.5	28.4	34.3	40.2	46.1	52.0	57.9						1
12		14.5	22.5	30.6	38.7	46.7	54.8	62.9	70.9	79.0						1
13		18.6	29.1	39.6	50.1	60.6	71.1	81.7	92.2	102.7	113.2					5
14		23.2	36.4	49.6	62.8	76.0	89.2	102.4	115.6	128.8	142.0					1
15			44.3	60.4	76.6	92.7	108.8	125.0	141.1	157.2	173.4	189.5				0
16			52.8	72.1	91.5	110.8	130.1	149.4	168.7	188.1	207.4	226.7				1
17			62.0	84.7	107.5	130.2	152.9	175.7	198.4	221.2	243.9	266.6	289.4			0
18			71.8	98.2	124.6	151.0	177.4	203.8	230.1	256.5	282.9	309.3	335.7			1
19			82.2	112.5	142.8	173.0	203.3	233.6	263.9	294.2	324.5	354.8	385.0	415.3		0
20				127.6	162.0	196.4	230.9	265.3	299.7	334.1	368.5	402.9	437.3	471.7		1
21				143.6	182.4	221.2	259.9	298.7	337.5	376.2	415.0	453.8	492.5	531.3	570.1	1
22				160.5	203.8	247.2	290.5	333.9	377.3	420.6	464.0	507.3	550.7	594.0	637.4	1
23				178.1	226.3	274.5	322.7	370.9	419.0	467.2	515.4	563.6	611.8	660.0	708.1	0
24				196.7	249.9	303.1	356.4	409.6	462.8	516.1	569.3	622.5	675.8	729.0	782.2	3
25					274.6	333.1	391.6	450.1	508.6	567.2	625.7	684.2	742.7	801.2	859.7	2
26					300.3	364.3	428.4	492.4	556.4	620.5	684.5	748.5	812.6	876.6	940.6	1
27					327.1	396.9	466.7	536.4	606.2	676.0	745.8	815.5	885.3	955.1	1024.9	0
28					355.0	430.7	506.5	582.2	658.0	733.7	809.5	885.3	961.0	1036.8	1112.5	3
29					383.9	465.9	547.8	629.8	711.8	793.7	875.7	957.6	1039.6	1121.6	1203.5	2
30						502.3	590.7	679.1	767.5	855.9	944.3	1032.7	1121.1	1209.5	1297.9	1
31						540.1	635.1	730.2	825.3	920.3	1015.4	1110.5	1205.5	1300.6	1395.7	1
32						579.1	681.1	783.1	885.0	987.0	1088.9	1190.9	1292.9	1394.8	1496.8	0
33						619.5	728.6	837.7	946.8	1055.8	1164.9	1274.0	1383.1	1492.2	1601.3	2
34						661.2	777.6	894.0	1010.5	1126.9	1243.4	1359.8	1476.3	1592.7	1709.1	2
35							828.1	952.2	1076.2	1200.2	1324.3	1448.3	1572.3	1696.4	1820.4	1
36							880.2	1012.1	1143.9	1275.8	1407.6	1539.5	1671.3	1803.1	1935.0	1
37							933.8	1073.7	1213.6	1353.5	1493.4	1633.3	1773.2	1913.1	2053.0	0
38							989.0	1137.1	1285.3	1433.5	1581.6	1729.8	1878.0	2026.1	2174.3	0
39							1045.6	1202.3	1359.0	1515.7	1672.3	1829.0	1985.7	2142.4	2299.0	0
40								1269.2	1434.7	1600.1	1765.5	1930.9	2096.3	2261.7	2427.1	0
41								1337.9	1512.3	1686.7	1861.1	2035.4	2209.8	2384.2	2558.6	0
42								1408.4	1592.0	1775.5	1959.1	2142.7	2326.3	2509.8	2693.4	0
43								1480.6	1673.6	1866.6	2059.6	2252.6	2445.6	2638.6	2831.6	0
44								1554.6	1757.2	1959.9	2162.6	2365.2	2567.9	2770.5	2973.2	1
45									1842.9	2055.4	2267.9	2480.5	2693.0	2905.6	3118.1	0
46									1930.5	2153.1	2375.8	2598.4	2821.1	3043.8	3266.4	0
47									2020.1	2253.1	2486.1	2719.1	2952.1	3185.1	3418.1	0
48									2111.7	2355.2	2598.8	2842.4	3086.0	3329.6	3573.1	0
49									2205.3	2459.6	2714.0	2968.4	3222.8	3477.2	3731.5	0
50									2300.8	2566.2	2831.7	3097.1	3362.5	3627.9	3893.3	0
BASIS TREES	0	0	0	0	2	6	11	4	5	3	4	0	0	1	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
WHITE FIR
LINCOLN N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.4	.6	.9	1.2	1.4	1.6	1.8									2
8	1.1	2.2	3.2	4.0	4.8	5.6	6.2	6.9								1
9	2.1	4.3	6.3	8.2	9.8	11.3	12.7	14.1	15.6							2
10		6.9	10.3	13.4	16.1	18.6	20.9	23.2	25.6							2
11		10.0	15.0	19.5	23.6	27.2	30.6	34.0	37.4	40.9						1
12		13.5	20.4	26.6	32.1	37.0	41.7	46.2	50.9	55.7						1
13		17.4	26.3	34.4	41.5	47.9	54.0	59.9	65.8	72.0	78.3					5
14		21.6	32.9	43.0	51.9	60.0	67.4	74.8	82.2	89.8	97.6					1
15			40.0	52.3	63.2	73.0	82.1	90.9	99.9	109.0	118.4	127.8				0
16			47.7	62.4	75.4	87.0	97.8	108.2	118.8	129.5	140.5	151.6				1
17			55.9	73.2	88.5	102.0	114.5	126.7	138.9	151.3	163.9	176.7	189.6			0
18			64.7	84.8	102.4	118.0	132.3	146.2	160.1	174.2	188.5	203.0	217.5			2
19			74.1	97.0	117.1	134.8	151.1	166.7	182.3	198.1	214.1	230.3	246.4	262.5		1
20				110.0	132.7	152.6	170.8	188.2	205.5	223.0	240.7	258.5	276.2	293.7		1
21				123.6	149.0	171.2	191.4	210.6	229.6	248.7	268.0	287.4	306.5	325.4	343.9	1
22				137.9	166.2	190.7	212.9	233.8	254.5	275.2	296.1	316.8	337.3	357.4	376.9	2
23				152.9	184.1	211.0	235.1	257.9	280.1	302.4	324.6	346.6	368.2	389.3	409.5	1
24				168.6	202.7	232.1	258.2	282.6	306.4	330.0	353.4	376.5	399.1	420.8	441.5	3
25					222.2	254.0	282.0	308.0	333.2	358.0	382.5	406.4	429.6	451.6	472.4	2
26					242.3	276.6	306.5	334.0	360.4	386.2	411.4	435.9	459.3	481.3	501.6	1
27					263.2	299.9	331.6	360.5	387.9	414.4	440.2	464.8	488.1	509.5	528.7	0
28					284.7	323.8	357.3	387.4	415.6	442.6	468.4	492.8	515.3	535.5	553.0	3
29					306.9	348.4	383.5	414.5	443.2	470.4	495.9	519.5	540.8	559.0	574.0	2
30						373.6	410.1	441.9	470.8	497.6	522.4	544.6	563.8	579.4	590.7	1
31						399.3	437.1	469.3	498.1	524.1	547.4	567.6	584.0	595.8	602.5	1
32						425.6	464.4	496.7	524.8	549.5	570.8	588.1	600.6	607.6	608.3	0
33						452.3	491.8	523.9	550.9	573.6	592.1	605.5	613.2	614.0	607.1	2
34						479.3	519.4	550.8	576.1	596.1	610.8	619.4	620.8	614.0	597.7	2
35							547.0	577.2	600.1	616.7	626.6	629.1	622.8	606.5	578.8	1
36							574.4	603.0	622.8	634.8	638.9	633.8	618.2	590.4	548.9	1
37							601.7	627.9	643.7	650.3	647.1	632.9	605.9	564.4	506.3	0
38							628.6	651.7	662.7	662.5	650.6	625.4	585.0	527.0	449.1	0
39							655.1	674.3	679.3	671.1	648.7	610.5	554.0	476.5	375.2	0
40								695.4	693.3	675.4	640.7	587.1	511.6	411.1	282.2	0
41								714.7	704.1	674.9	625.8	554.0	456.3	328.8	167.3	1
42								732.0	711.4	669.0	602.9	510.0	386.3	227.1	27.5	0
43								746.9	714.7	656.8	571.1	453.6	299.6	103.6	14.5	0
44								759.1	713.5	637.7	529.2	383.2	194.1	23.4	15.2	1
45									707.1	610.8	475.9	297.1	67.3	24.5	16.0	0
46									695.0	575.0	410.0	193.3	39.1	25.7	16.7	0
47									676.4	529.4	329.8	69.5	40.9	26.9	17.5	0
48									650.6	472.9	233.6	64.5	42.8	28.1	18.3	0
49									616.9	404.0	119.5	67.4	44.7	29.3	19.1	0
50									574.2	321.4	104.6	70.3	46.6	30.6	19.9	0
BASIS TREES	0	0	1	2	3	6	12	5	7	3	4	1	0	1	0	

TOTAL STEM GROSS CUBIC FOOT VOLUME-UNFORKED TREES
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.2	.3														0
3	.3	.5	.7													0
4	.5	.8	1.1	1.4												0
5	.7	1.2	1.7	2.2	2.7											7
6	.9	1.6	2.3	3.1	3.8	4.5										4
7	1.1	2.1	3.1	4.1	5.1	6.1	7.0									7
8	1.4	2.7	4.0	5.3	6.6	7.9	9.2	10.4								7
9	1.8	3.4	5.0	6.7	8.3	9.9	11.5	13.2	14.8							3
10		4.2	6.2	8.2	10.2	12.2	14.2	16.2	18.2							2
11		5.0	7.5	9.9	12.3	14.7	17.2	19.6	22.0	24.5						8
12		5.9	8.8	11.7	14.6	17.5	20.4	23.3	26.2	29.1						2
13		6.9	10.3	13.7	17.1	20.5	23.9	27.3	30.7	34.1	37.5					4
14		8.0	12.0	15.9	19.8	23.8	27.7	31.7	35.6	39.5	43.5					3
15			13.7	18.2	22.8	27.3	31.8	36.3	40.8	45.4	49.9	54.4				1
16			15.6	20.7	25.9	31.0	36.2	41.3	46.4	51.6	56.7	61.9				4
17			17.6	23.4	29.2	35.0	40.8	46.6	52.4	58.2	64.0	69.8	75.6			1
18			19.7	26.2	32.7	39.2	45.7	52.2	58.7	65.3	71.8	78.3	84.8			1
19			21.9	29.2	36.4	43.7	50.9	58.2	65.4	72.7	79.9	87.2	94.4	101.7		0
20				32.3	40.3	48.4	56.4	64.4	72.5	80.5	88.6	96.6	104.6	112.7		0
21				35.6	44.5	53.3	62.2	71.0	79.9	88.8	97.6	106.5	115.3	124.2	133.1	0
22				39.1	48.8	58.5	68.2	78.0	87.7	97.4	107.1	116.8	126.6	136.3	146.0	2
23				42.7	53.3	63.9	74.6	85.2	95.8	106.4	117.1	127.7	138.3	149.0	159.6	0
24				46.4	58.0	69.6	81.2	92.7	104.3	115.9	127.5	139.0	150.6	162.2	173.7	0
25					62.9	75.5	88.1	100.6	113.2	125.7	138.3	150.8	163.4	176.0	188.5	1
26					68.1	81.6	95.2	108.8	122.4	136.0	149.6	163.1	176.7	190.3	203.9	0
27					73.4	88.0	102.7	117.3	132.0	146.6	161.3	175.9	190.6	205.2	219.9	0
28					78.9	94.7	110.4	126.2	141.9	157.7	173.4	189.2	204.9	220.7	236.4	1
29					84.6	101.5	118.4	135.3	152.2	169.1	186.0	202.9	219.8	236.7	253.6	0
30						108.7	126.7	144.8	162.9	181.0	199.1	217.1	235.2	253.3	271.4	0
31						116.0	135.3	154.6	173.9	193.2	212.5	231.8	251.2	270.5	289.8	0
32						123.6	144.2	164.7	185.3	205.9	226.5	247.0	267.6	288.2	308.8	0
33						131.4	153.3	175.2	197.1	219.0	240.8	262.7	284.6	306.5	328.3	0
34						139.5	162.7	186.0	209.2	232.4	255.6	278.9	302.1	325.3	348.5	0
35							172.4	197.1	221.7	246.3	270.9	295.5	320.1	344.7	369.3	0
36							182.4	208.5	234.5	260.5	286.6	312.6	338.7	364.7	390.7	0
37							192.7	220.2	247.7	275.2	302.7	330.2	357.7	385.2	412.7	0
38							203.2	232.3	261.3	290.3	319.3	348.3	377.3	406.3	435.3	0
39							214.1	244.6	275.2	305.7	336.3	366.9	397.4	428.0	458.5	0
40								257.3	289.5	321.6	353.8	385.9	418.1	450.2	482.3	0
41								270.3	304.1	337.9	371.7	405.4	439.2	473.0	506.8	0
42								283.7	319.1	354.6	390.0	425.4	460.9	496.3	531.8	0
43								297.3	334.5	371.6	408.8	445.9	483.1	520.2	557.4	0
44								311.3	350.2	389.1	428.0	466.9	505.8	544.7	583.6	0
45									366.3	407.0	447.7	488.4	529.1	569.7	610.4	0
46									382.8	425.3	467.8	510.3	552.8	595.3	637.9	0
47									399.6	444.0	488.4	532.7	577.1	621.5	665.9	0
48									416.8	463.1	509.3	555.6	601.9	648.2	694.5	0
49									434.3	482.5	530.8	579.0	627.3	675.5	723.7	0
50									452.2	502.4	552.7	602.9	653.1	703.4	753.6	0
BASIS TREES	0	6	14	13	11	6	2	5	1	0	0	0	0	0	0	

TOTAL STEM NET CUBIC FOOT VOLUME
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
1	.2															0
2	.2	.3														0
3	.3	.5	.7													0
4	.5	.8	1.1	1.4												0
5	.7	1.2	1.7	2.2	2.7											8
6	.9	1.6	2.3	3.0	3.8	4.5										4
7	1.1	2.1	3.1	4.1	5.0	6.0	7.0									7
8	1.4	2.7	4.0	5.3	6.5	7.8	9.0	10.2								7
9	1.8	3.4	5.0	6.6	8.2	9.8	11.3	12.8	14.3							4
10		4.2	6.1	8.1	10.0	12.0	13.8	15.7	17.6							3
11		5.0	7.4	9.7	12.1	14.4	16.6	18.8	21.0	23.3						8
12		5.9	8.7	11.5	14.3	17.0	19.6	22.2	24.8	27.4						2
13		6.9	10.2	13.5	16.7	19.8	22.9	25.9	28.8	31.8	34.8					4
14		8.0	11.8	15.6	19.3	22.9	26.3	29.7	33.1	36.5	39.9					3
15			13.5	17.8	22.0	26.1	30.0	33.8	37.6	41.4	45.3	49.1				1
16			15.3	20.2	24.9	29.5	33.9	38.2	42.4	46.6	50.9	55.2				4
17			17.2	22.7	28.0	33.1	38.0	42.7	47.3	52.0	56.7	61.4	66.3			2
18			19.3	25.4	31.2	36.9	42.2	47.4	52.5	57.6	62.7	67.9	73.3			1
19			21.4	28.2	34.6	40.8	46.7	52.3	57.8	63.3	68.9	74.6	80.4	86.3		0
20				31.1	38.2	44.9	51.3	57.4	63.3	69.3	75.3	81.5	87.8	94.2		2
21				34.2	41.9	49.2	56.1	62.6	69.0	75.4	81.9	88.6	95.3	102.3	109.3	1
22				37.4	45.8	53.7	61.1	68.1	74.9	81.7	88.6	95.8	103.0	110.5	118.0	2
23				40.7	49.8	58.3	66.2	73.7	80.9	88.1	95.5	103.1	110.9	118.9	127.0	1
24				44.2	54.0	63.1	71.5	79.4	87.1	94.7	102.6	110.6	118.9	127.4	136.0	0
25					58.3	68.1	77.0	85.3	93.4	101.5	109.7	118.3	127.1	136.1	145.3	1
26					62.8	73.2	82.6	91.4	99.9	108.3	117.0	126.0	135.3	144.9	154.6	0
27					67.4	78.5	88.4	97.6	106.5	115.4	124.5	133.9	143.7	153.8	164.2	0
28					72.2	83.9	94.4	104.0	113.3	122.5	132.1	142.0	152.3	162.9	173.8	1
29					77.2	89.5	100.5	110.6	120.2	129.8	139.8	150.2	161.0	172.2	183.6	0
30						95.3	106.8	117.3	127.3	137.3	147.7	158.5	169.8	181.5	193.6	0
31						101.2	113.3	124.2	134.6	144.9	155.7	167.0	178.8	191.1	203.7	0
32						107.3	119.9	131.3	142.0	152.7	163.9	175.6	187.9	200.8	214.0	0
33						113.6	126.7	138.5	149.6	160.6	172.2	184.4	197.3	210.6	224.4	0
34						120.0	133.7	145.9	157.3	168.8	180.7	193.4	206.8	220.7	235.1	0
35							140.9	153.5	165.3	177.1	189.4	202.6	216.4	231.0	246.0	0
36							148.2	161.2	173.4	185.6	198.3	211.9	226.3	241.4	257.1	0
37							155.8	169.2	181.7	194.2	207.4	221.5	236.4	252.1	268.4	0
38							163.5	177.4	190.2	203.1	216.7	231.3	246.8	263.1	280.0	0
39							171.4	185.8	199.0	212.2	226.2	241.3	257.3	274.3	291.9	0
40								194.3	207.9	221.6	236.0	251.5	268.2	285.7	304.0	0
41								203.1	217.1	231.1	246.0	262.1	279.3	297.5	316.5	0
42								212.1	226.5	240.9	256.3	272.8	290.7	309.5	329.2	0
43								221.4	236.1	251.0	266.8	283.9	302.3	321.9	342.3	0
44								230.8	246.0	261.3	277.5	295.2	314.3	334.5	355.7	0
45									256.2	271.8	288.6	306.8	326.6	347.5	369.5	0
46									266.5	282.7	299.9	318.8	339.2	360.9	383.6	0
47									277.2	293.8	311.5	331.0	352.1	374.6	398.1	0
48									288.1	305.1	323.5	343.5	365.3	388.6	413.0	0
49									299.2	316.8	335.7	356.4	378.9	403.0	428.3	0
50									310.6	328.7	348.2	369.6	392.9	417.8	443.9	0
BASIS TREES	0	7	15	15	12	6	3	7	1	0	0	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES-UNFORKED TREES
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.3	.5	.6	.8	.9											7
6	.6	1.0	1.5	1.9	2.4	2.8										4
7	.8	1.6	2.3	3.1	3.9	4.6	5.4									7
8	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8								7
9	1.3	2.8	4.3	5.8	7.2	8.7	10.2	11.7	13.2							3
10		3.5	5.4	7.3	9.1	11.0	12.9	14.8	16.7							2
11		4.3	6.6	8.9	11.2	13.5	15.9	18.2	20.5	22.8						8
12		5.1	7.9	10.7	13.5	16.2	19.0	21.8	24.6	27.4						2
13		5.9	9.3	12.6	15.9	19.2	22.5	25.8	29.1	32.4	35.7					4
14		6.9	10.7	14.6	18.5	22.3	26.2	30.0	33.9	37.8	41.6					3
15			12.3	16.8	21.2	25.7	30.1	34.6	39.0	43.5	47.9	52.4				1
16			14.0	19.1	24.2	29.3	34.4	39.4	44.5	49.6	54.7	59.8				4
17			15.8	21.6	27.3	33.1	38.8	44.6	50.3	56.1	61.8	67.6	73.3			1
18			17.8	24.2	30.7	37.1	43.6	50.0	56.5	63.0	69.4	75.9	82.3			1
19			19.8	27.0	34.2	41.4	48.6	55.8	63.0	70.2	77.4	84.6	91.8	99.0		0
20				29.9	37.9	45.9	53.9	61.9	69.8	77.8	85.8	93.8	101.8	109.8		0
21				33.0	41.8	50.6	59.4	68.2	77.0	85.9	94.7	103.5	112.3	121.1	130.0	0
22				36.2	45.8	55.5	65.2	74.9	84.6	94.3	104.0	113.6	123.3	133.0	142.7	2
23				39.5	50.1	60.7	71.3	81.9	92.5	103.1	113.7	124.2	134.8	145.4	156.0	0
24				43.0	54.6	66.1	77.6	89.2	100.7	112.2	123.8	135.3	146.9	158.4	169.9	0
25					59.2	71.7	84.2	96.8	109.3	121.8	134.3	146.9	159.4	171.9	184.4	1
26					64.0	77.6	91.1	104.7	118.2	131.8	145.3	158.9	172.4	186.0	199.5	0
27					69.0	83.6	98.3	112.9	127.5	142.1	156.7	171.4	186.0	200.6	215.2	0
28					74.2	90.0	105.7	121.4	137.1	152.9	168.6	184.3	200.0	215.7	231.5	1
29					79.6	96.5	113.4	130.2	147.1	164.0	180.8	197.7	214.6	231.5	248.3	0
30						103.3	121.3	139.4	157.4	175.5	193.5	211.6	229.7	247.7	265.8	0
31						110.2	129.5	148.8	168.1	187.4	206.7	226.0	245.2	264.5	283.8	0
32						117.5	138.0	158.6	179.1	199.7	220.2	240.8	261.3	281.9	302.4	0
33						124.9	146.8	168.6	190.5	212.3	234.2	256.1	277.9	299.8	321.6	0
34						132.6	155.8	179.0	202.2	225.4	248.6	271.8	295.0	318.2	341.4	0
35							165.1	189.7	214.3	238.9	263.5	288.1	312.6	337.2	361.8	0
36							174.7	200.7	226.7	252.7	278.7	304.7	330.8	356.8	382.8	0
37							184.5	212.0	239.5	266.9	294.4	321.9	349.4	376.9	404.4	0
38							194.6	223.6	252.6	281.6	310.6	339.6	368.5	397.5	426.5	0
39							205.0	235.5	266.0	296.6	327.1	357.7	388.2	418.7	449.3	0
40								247.7	279.8	312.0	344.1	376.2	408.4	440.5	472.6	0
41								260.3	294.0	327.8	361.5	395.3	429.0	462.8	496.6	0
42								273.1	308.5	343.9	379.4	414.8	450.2	485.7	521.1	0
43								286.2	323.4	360.5	397.7	434.8	471.9	509.1	546.2	0
44								299.7	338.6	377.5	416.4	455.2	494.1	533.0	571.9	0
45									354.2	394.8	435.5	476.2	516.8	557.5	598.2	0
46									370.1	412.6	455.1	497.6	540.1	582.6	625.1	0
47									386.3	430.7	475.1	519.4	563.8	608.2	652.5	0
48									402.9	449.2	495.5	541.8	588.0	634.3	680.6	0
49									419.9	468.1	516.3	564.6	612.8	661.0	709.2	0
50									437.2	487.4	537.6	587.8	638.1	688.3	738.5	0
BASIS TREES	0	6	14	13	11	6	2	5	1	0	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 4 INCHES
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
5	.3	.5	.6	.8	.9											8
6	.6	1.0	1.5	1.9	2.4	2.8										4
7	.8	1.6	2.3	3.1	3.8	4.6	5.3									7
8	1.1	2.2	3.3	4.4	5.4	6.5	7.6	8.6								7
9	1.3	2.8	4.3	5.7	7.1	8.6	10.0	11.4	12.7							4
10		3.5	5.3	7.2	9.0	10.8	12.6	14.3	16.0							3
11		4.2	6.5	8.8	11.0	13.2	15.3	17.5	19.6	21.7						8
12		5.0	7.8	10.5	13.2	15.8	18.3	20.8	23.3	25.8						2
13		5.9	9.1	12.3	15.5	18.5	21.5	24.4	27.3	30.2	33.2					4
14		6.8	10.6	14.3	17.9	21.5	24.9	28.2	31.6	34.9	38.2					3
15			12.1	16.4	20.5	24.6	28.4	32.2	36.0	39.7	43.5	47.3				1
16			13.8	18.6	23.3	27.8	32.2	36.4	40.6	44.8	49.0	53.3				4
17			15.5	21.0	26.2	31.3	36.1	40.8	45.5	50.1	54.7	59.5	64.3			2
18			17.4	23.4	29.3	34.9	40.2	45.4	50.5	55.5	60.7	65.9	71.2			1
19			19.3	26.0	32.5	38.7	44.5	50.2	55.7	61.2	66.8	72.5	78.2	84.1		0
20				28.8	35.9	42.6	49.0	55.1	61.0	67.0	73.0	79.2	85.5	91.9		2
21				31.6	39.4	46.7	53.6	60.2	66.6	73.0	79.5	86.1	92.9	99.8	106.8	1
22				34.6	43.0	51.0	58.4	65.4	72.3	79.1	86.1	93.2	100.5	107.9	115.4	2
23				37.7	46.8	55.4	63.3	70.8	78.1	85.4	92.8	100.4	108.2	116.1	124.2	1
24				40.9	50.8	60.0	68.4	76.4	84.1	91.8	99.7	107.7	116.0	124.5	133.2	0
25					54.9	64.7	73.7	82.1	90.2	98.4	106.7	115.2	124.0	133.1	142.3	1
26					59.1	69.5	79.1	88.0	96.5	105.1	113.8	122.8	132.2	141.7	151.5	0
27					63.5	74.6	84.7	94.0	103.0	111.9	121.1	130.6	140.4	150.5	160.8	0
28					68.0	79.8	90.4	100.2	109.5	118.9	128.5	138.5	148.8	159.5	170.3	1
29					72.6	85.1	96.3	106.5	116.3	126.0	136.0	146.5	157.3	168.5	180.0	0
30						90.6	102.3	113.0	123.1	133.3	143.7	154.6	166.0	177.7	189.8	0
31						96.2	108.5	119.6	130.2	140.7	151.6	162.9	174.8	187.1	199.8	0
32						102.0	114.9	126.4	137.4	148.3	159.5	171.4	183.8	196.6	209.9	0
33						108.0	121.4	133.4	144.7	156.0	167.7	180.0	192.9	206.3	220.2	0
34						114.1	128.1	140.6	152.2	163.9	176.0	188.8	202.2	216.2	230.7	0
35							135.0	147.9	159.9	172.0	184.5	197.7	211.7	226.3	241.4	0
36							142.0	155.4	167.8	180.2	193.2	206.9	221.4	236.6	252.3	0
37							149.3	163.1	175.9	188.7	202.0	216.3	231.3	247.1	263.5	0
38							156.7	170.9	184.1	197.3	211.1	225.8	241.5	257.9	274.9	0
39							164.3	179.0	192.6	206.2	220.4	235.7	251.8	268.9	286.5	0
40								187.3	201.3	215.3	230.0	245.7	262.5	280.1	298.5	0
41								195.8	210.2	224.6	239.7	256.0	273.4	291.7	310.7	0
42								204.5	219.3	234.1	249.7	266.5	284.5	303.5	323.3	0
43								213.4	228.6	243.9	260.0	277.3	296.0	315.6	336.2	0
44								222.5	238.2	253.9	270.5	288.4	307.7	328.1	349.4	0
45									248.0	264.2	281.3	299.8	319.7	340.9	362.9	0
46									258.1	274.7	292.3	311.5	332.1	354.0	376.8	0
47									268.4	285.5	303.7	323.4	344.8	367.4	391.1	0
48									278.9	296.6	315.3	335.7	357.8	381.2	405.7	0
49									289.8	307.9	327.2	348.3	371.1	395.3	420.8	0
50									300.8	319.5	339.4	361.2	384.7	409.8	436.2	0
BASIS TREES	0	7	15	15	12	6	3	7	1	0	0	0	0	0	0	

GROSS CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES-UNFORKED TREES
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.5	.8	1.0	1.3	1.5	1.8									6
8	.6	1.3	2.0	2.7	3.4	4.1	4.7	5.4								7
9	1.0	2.1	3.2	4.3	5.5	6.6	7.7	8.8	9.9							3
10		2.9	4.5	6.0	7.6	9.2	10.8	12.4	13.9							2
11		3.7	5.8	7.8	9.9	12.0	14.0	16.1	18.1	20.2						8
12		4.6	7.2	9.7	12.3	14.9	17.4	20.0	22.6	25.1						2
13		5.5	8.6	11.7	14.8	17.9	21.1	24.2	27.3	30.4	33.5					4
14		6.5	10.2	13.9	17.5	21.2	24.9	28.6	32.3	35.9	39.6					3
15			11.8	16.1	20.4	24.7	29.0	33.3	37.6	41.8	46.1	50.4				1
16			13.6	18.5	23.4	28.4	33.3	38.2	43.2	48.1	53.0	58.0				4
17			15.4	21.0	26.7	32.3	37.9	43.5	49.1	54.7	60.3	65.9	71.5			1
18			17.4	23.7	30.0	36.4	42.7	49.0	55.4	61.7	68.0	74.4	80.7			1
19			19.4	26.5	33.6	40.7	47.8	54.9	62.0	69.0	76.1	83.2	90.3	97.4		0
20				29.5	37.3	45.2	53.1	61.0	68.9	76.8	84.6	92.5	100.4	108.3		0
21				32.6	41.3	50.0	58.7	67.4	76.1	84.9	93.6	102.3	111.0	119.7	128.5	0
22				35.8	45.4	55.0	64.6	74.2	83.7	93.3	102.9	112.5	122.1	131.7	141.3	2
23				39.2	49.7	60.2	70.7	81.2	91.7	102.2	112.7	123.2	133.7	144.2	154.7	0
24				42.7	54.1	65.6	77.1	88.5	100.0	111.4	122.9	134.3	145.8	157.3	168.7	0
25					58.8	71.3	83.7	96.2	108.6	121.0	133.5	145.9	158.4	170.8	183.3	1
26					63.7	77.1	90.6	104.1	117.6	131.0	144.5	158.0	171.5	185.0	198.4	0
27					68.7	83.2	97.8	112.3	126.9	141.4	156.0	170.5	185.1	199.6	214.2	0
28					73.9	89.6	105.2	120.9	136.5	152.2	167.9	183.5	199.2	214.8	230.5	1
29					79.3	96.1	112.9	129.7	146.5	163.4	180.2	197.0	213.8	230.6	247.4	0
30						102.9	120.9	138.9	156.9	174.9	192.9	210.9	228.9	246.9	264.9	0
31						109.9	129.1	148.4	167.6	186.8	206.1	225.3	244.5	263.7	283.0	0
32						117.1	137.6	158.1	178.6	199.1	219.6	240.1	260.6	281.1	301.6	0
33						124.6	146.4	168.2	190.0	211.8	233.6	255.5	277.3	299.1	320.9	0
34						132.3	155.5	178.6	201.8	224.9	248.1	271.2	294.4	317.6	340.7	0
35							164.8	189.3	213.9	238.4	262.9	287.5	312.0	336.6	361.1	0
36							174.3	200.3	226.3	252.3	278.2	304.2	330.2	356.2	382.1	0
37							184.2	211.6	239.1	266.5	294.0	321.4	348.8	376.3	403.7	0
38							194.3	223.2	252.2	281.2	310.1	339.1	368.0	397.0	425.9	0
39							204.7	235.2	265.7	296.2	326.7	357.2	387.7	418.2	448.7	0
40								247.4	279.5	311.6	343.7	375.8	407.9	440.0	472.1	0
41								260.0	293.7	327.4	361.1	394.8	428.6	462.3	496.0	0
42								272.8	308.2	343.6	379.0	414.4	449.8	485.2	520.5	0
43								286.0	323.1	360.2	397.3	434.4	471.5	508.6	545.7	0
44								299.4	338.3	377.1	416.0	454.8	493.7	532.5	571.4	0
45									353.9	394.5	435.1	475.8	516.4	557.1	597.7	0
46									369.8	412.3	454.7	497.2	539.7	582.1	624.6	0
47									386.1	430.4	474.7	519.1	563.4	607.7	652.1	0
48									402.7	448.9	495.2	541.4	587.7	633.9	680.2	0
49									419.6	467.8	516.0	564.2	612.4	660.6	708.8	0
50									436.9	487.1	537.3	587.5	637.7	687.9	738.1	0
BASIS TREES	0	1	10	12	11	6	2	5	1	0	0	0	0	0	0	

NET CUBIC FOOT VOLUME TO TOP DIB OF 6 INCHES
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.3	.5	.8	1.0	1.3	1.5	1.8									7
8	.6	1.3	2.0	2.7	3.3	4.0	4.6	5.3								7
9	1.0	2.1	3.2	4.3	5.4	6.5	7.5	8.6	9.6							4
10		2.9	4.4	6.0	7.5	9.0	10.5	12.0	13.4							3
11		3.7	5.7	7.7	9.7	11.6	13.6	15.4	17.3	19.2						8
12		4.6	7.1	9.6	12.0	14.4	16.8	19.1	21.4	23.7						2
13		5.5	8.5	11.5	14.5	17.3	20.1	22.9	25.6	28.3	31.0					4
14		6.5	10.0	13.6	17.0	20.4	23.6	26.8	30.0	33.2	36.3					3
15			11.7	15.7	19.7	23.6	27.3	31.0	34.6	38.2	41.8	45.5				1
16			13.3	18.0	22.6	27.0	31.2	35.3	39.4	43.4	47.5	51.6				4
17			15.1	20.4	25.6	30.5	35.2	39.8	44.3	48.8	53.4	58.0	62.7			2
18			17.0	23.0	28.7	34.2	39.4	44.5	49.4	54.4	59.4	64.5	69.7			1
19			19.0	25.6	32.0	38.0	43.8	49.3	54.7	60.1	65.6	71.2	76.9	82.6		0
20				28.4	35.4	42.0	48.3	54.3	60.1	66.0	72.0	78.0	84.2	90.5		2
21				31.2	38.9	46.1	52.9	59.4	65.7	72.1	78.5	85.0	91.7	98.5	105.4	1
22				34.2	42.6	50.4	57.8	64.7	71.5	78.2	85.1	92.2	99.4	106.7	114.1	2
23				37.3	46.4	54.9	62.7	70.2	77.4	84.6	91.9	99.4	107.1	115.0	123.0	1
24				40.6	50.4	59.5	67.9	75.8	83.4	91.0	98.8	106.8	115.0	123.5	132.0	0
25					54.5	64.2	73.2	81.5	89.6	97.6	105.9	114.3	123.1	132.0	141.1	1
26					58.7	69.1	78.6	87.4	95.9	104.4	113.0	122.0	131.2	140.7	150.4	0
27					63.1	74.2	84.2	93.5	102.3	111.2	120.3	129.8	139.5	149.6	159.8	0
28					67.6	79.4	89.9	99.6	108.9	118.2	127.8	137.7	147.9	158.5	169.4	1
29					72.3	84.7	95.8	106.0	115.7	125.4	135.3	145.7	156.5	167.6	179.0	0
30						90.2	101.9	112.5	122.6	132.6	143.0	153.9	165.2	176.9	188.8	0
31						95.9	108.1	119.2	129.6	140.1	150.9	162.2	174.0	186.2	198.8	0
32						101.7	114.5	126.0	136.8	147.7	158.9	170.7	183.0	195.8	209.0	0
33						107.7	121.0	133.0	144.2	155.4	167.0	179.3	192.1	205.5	219.3	0
34						113.8	127.7	140.1	151.7	163.3	175.4	188.1	201.5	215.4	229.8	0
35							134.6	147.4	159.4	171.4	183.9	197.1	211.0	225.5	240.5	0
36							141.7	155.0	167.3	179.7	192.6	206.2	220.7	235.8	251.5	0
37							148.9	162.6	175.4	188.1	201.4	215.6	230.6	246.3	262.6	0
38							156.3	170.5	183.7	196.8	210.5	225.2	240.8	257.1	274.0	0
39							164.0	178.6	192.2	205.7	219.9	235.0	251.1	268.1	285.7	0
40								186.9	200.8	214.8	229.4	245.1	261.8	279.4	297.7	0
41								195.4	209.7	224.1	239.2	255.4	272.7	291.0	310.0	0
42								204.1	218.9	233.6	249.2	265.9	283.9	302.8	322.5	0
43								213.0	228.2	243.4	259.5	276.8	295.3	315.0	335.4	0
44								222.2	237.8	253.4	270.0	287.9	307.1	327.4	348.7	0
45									247.6	263.7	280.8	299.3	319.1	340.2	362.2	0
46									257.7	274.3	291.9	310.9	331.5	353.3	376.2	0
47									268.0	285.1	303.2	322.9	344.2	366.8	390.4	0
48									278.6	296.2	314.9	335.2	357.2	380.6	405.1	0
49									289.4	307.5	326.8	347.8	370.6	394.8	420.1	0
50									300.5	319.1	339.0	360.7	384.2	409.3	435.6	0
BASIS TREES	0	7	15	15	12	6	3	7	1	0	0	0	0	0	0	

GROSS INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB-UNFORKED TREES
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.2	2.2	3.1	4.1	5.1	6.1	7.0									6
8	2.8	5.8	8.7	11.7	14.7	17.6	20.6	23.6								7
9	4.5	9.7	14.9	20.1	25.3	30.4	35.6	40.8	46.0							3
10		14.0	21.5	29.1	36.7	44.3	51.9	59.5	67.1							2
11		18.5	28.7	38.9	49.1	59.3	69.5	79.7	90.0	100.2						3
12		23.4	36.4	49.4	62.4	75.4	88.4	101.5	114.5	127.5						2
13		28.6	44.6	60.6	76.6	92.7	108.7	124.7	140.7	156.8	172.8					4
14		34.1	53.3	72.6	91.8	111.1	130.3	149.5	168.8	188.0	207.3					3
15			62.6	85.3	108.0	130.7	153.3	176.0	198.7	221.3	244.0	266.7				1
16			72.5	98.8	125.2	151.5	177.8	204.1	230.4	256.7	283.0	309.3				4
17			83.0	113.2	143.3	173.5	203.7	233.9	264.0	294.2	324.4	354.6	384.7			1
18			94.0	128.3	162.5	196.8	231.0	265.3	299.6	333.8	368.1	402.3	436.6			1
19			105.7	144.2	182.8	221.3	259.9	298.4	337.0	375.5	414.1	452.7	491.2	529.8		0
20				161.0	204.1	247.1	290.2	333.3	376.4	419.4	462.5	505.6	548.7	591.8		0
21				178.6	226.4	274.2	322.0	369.9	417.7	465.5	513.3	561.2	609.0	656.8	704.6	0
22				197.0	249.8	302.6	355.4	408.2	461.0	513.7	566.5	619.3	672.1	724.9	777.7	2
23				216.2	274.2	332.2	390.2	448.2	506.2	564.2	622.2	680.2	738.1	796.1	854.1	0
24				236.3	299.7	363.1	426.5	490.0	553.4	616.8	680.2	743.6	807.0	870.4	933.9	0
25					326.3	395.3	464.4	533.5	602.5	671.6	740.7	809.7	878.8	947.9	1016.9	1
26					353.9	428.9	503.8	578.7	653.7	728.6	803.6	878.5	953.4	1028.4	1103.3	0
27					382.6	463.7	544.7	625.7	706.8	787.8	868.9	949.9	1031.0	1112.0	1193.1	0
28					412.4	499.8	587.1	674.5	761.9	849.3	936.6	1024.0	1111.4	1198.8	1286.1	1
29					443.2	537.2	631.1	725.0	819.0	912.9	1006.8	1100.8	1194.7	1288.7	1382.6	0
30						575.9	676.6	777.3	878.0	978.8	1079.5	1180.2	1280.9	1381.7	1482.4	0
31						615.9	723.6	831.4	939.1	1046.8	1154.6	1262.3	1370.1	1477.8	1585.6	0
32						657.2	772.2	887.2	1002.1	1117.1	1232.1	1347.1	1462.1	1577.1	1692.1	0
33						699.8	822.3	944.7	1067.2	1189.6	1312.1	1434.6	1557.0	1679.5	1802.0	0
34						743.7	873.9	1004.0	1134.2	1264.4	1394.6	1524.7	1654.9	1785.1	1915.2	0
35							927.0	1065.1	1203.2	1341.3	1479.5	1617.6	1755.7	1893.8	2031.9	0
36							981.7	1128.0	1274.3	1420.5	1566.8	1713.1	1859.3	2005.6	2151.9	0
37							1038.0	1192.6	1347.3	1501.9	1656.6	1811.3	1965.9	2120.6	2275.2	0
38							1095.7	1259.0	1422.3	1585.6	1748.9	1912.1	2075.4	2238.7	2402.0	0
39							1155.0	1327.2	1499.3	1671.4	1843.6	2015.7	2187.9	2360.0	2532.1	0
40								1397.1	1578.3	1759.5	1940.8	2122.0	2303.2	2484.4	2665.6	0
41								1468.8	1659.3	1849.9	2040.4	2230.9	2421.4	2612.0	2802.5	0
42								1542.3	1742.3	1942.4	2142.5	2342.6	2542.6	2742.7	2942.8	0
43								1617.5	1827.4	2037.2	2247.0	2456.9	2666.7	2876.6	3086.4	0
44								1694.5	1914.4	2134.2	2354.0	2573.9	2793.7	3013.6	3233.4	0
45									2003.4	2233.4	2463.5	2693.6	2923.7	3153.7	3383.8	0
46									2094.4	2334.9	2575.5	2816.0	3056.5	3297.1	3537.6	0
47									2187.4	2438.6	2689.9	2941.1	3192.3	3443.5	3694.8	0
48									2282.4	2544.6	2806.7	3068.9	3331.0	3593.2	3855.3	0
49									2379.4	2652.7	2926.0	3199.3	3472.6	3745.9	4019.2	0
50									2478.4	2763.1	3047.8	3332.5	3617.2	3901.9	4186.6	0
BASIS TREES	0	1	9	12	11	6	2	5	1	0	0	0	0	0	0	

NET INTERNATIONAL BOARD FOOT VOLUME TO 6 INCH TOP DIB
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	1.1	2.0	3.0	3.9	4.8	5.7	6.7									6
8	2.6	5.4	8.2	11.0	13.7	16.5	19.3	22.1								7
9	4.2	9.0	13.8	18.6	23.3	28.1	32.9	37.7	42.5							4
10		12.7	19.6	26.6	33.5	40.4	47.3	54.2	61.0							3
11		16.6	25.8	34.9	44.0	53.1	62.2	71.3	80.4	89.5						8
12		20.6	32.1	43.6	55.0	66.4	77.8	89.1	100.4	111.7						2
13		24.8	38.7	52.5	66.3	80.0	93.8	107.4	121.1	134.7	148.2					4
14		29.1	45.4	61.7	77.9	94.1	110.2	126.3	142.3	158.2	174.0					3
15			52.4	71.2	89.9	108.6	127.1	145.6	164.0	182.2	200.4	218.5				1
16			59.6	81.0	102.3	123.5	144.5	165.4	186.2	206.8	227.3	247.6				4
17			67.1	91.2	115.1	138.8	162.4	185.8	208.9	231.9	254.7	277.3	299.7			2
18			74.9	101.7	128.3	154.7	180.8	206.7	232.3	257.6	282.7	307.4	331.9			1
19			83.0	112.7	142.0	171.1	199.8	228.2	256.2	283.9	311.2	338.1	364.6	390.8		0
20				124.0	156.2	188.1	219.4	250.4	280.8	310.8	340.3	369.3	397.7	425.7		2
21				135.8	171.0	205.6	239.7	273.2	306.0	338.3	369.9	400.9	431.2	460.7	489.6	1
22				148.1	186.3	223.8	260.6	296.6	331.9	366.4	400.1	432.9	464.8	495.8	525.9	2
23				160.9	202.2	242.6	282.1	320.7	358.4	395.0	430.6	465.1	498.5	530.7	561.7	1
24				174.2	218.7	262.0	304.3	345.5	385.4	424.1	461.4	497.4	532.0	565.1	596.7	0
25					235.7	282.1	327.1	370.7	412.8	453.4	492.4	529.7	565.2	598.8	630.5	1
26					253.2	302.6	350.4	396.4	440.7	483.0	523.4	561.6	597.6	631.4	662.7	0
27					271.3	323.7	374.2	422.6	468.7	512.6	554.0	592.9	629.1	662.4	692.7	0
28					289.8	345.3	398.4	449.0	496.9	542.0	584.2	623.3	659.0	691.3	719.8	1
29					308.8	367.3	422.9	475.5	525.0	571.1	613.6	652.4	687.1	717.5	743.4	0
30						389.6	447.6	502.1	552.8	599.5	641.9	679.7	712.7	740.4	762.6	0
31						412.2	472.5	528.6	580.2	627.1	668.8	704.9	735.3	759.3	776.6	0
32						435.0	497.4	554.9	607.0	653.4	693.8	727.5	754.2	773.2	784.2	0
33						458.0	522.2	580.7	632.8	678.3	716.5	746.8	768.7	781.4	784.3	0
34						481.0	546.8	605.8	657.5	701.3	736.4	762.2	777.9	782.7	775.5	0
35							571.0	630.2	680.8	722.0	753.1	773.1	781.0	775.9	756.5	0
36							594.8	653.5	702.3	740.1	765.9	778.6	777.0	759.7	725.4	0
37							617.8	675.6	721.7	755.0	774.2	777.9	764.7	732.7	680.4	0
38							640.0	696.1	738.6	766.2	777.2	770.0	742.7	693.2	619.3	0
39							661.2	714.8	752.7	773.2	774.3	753.9	709.8	639.3	539.6	0
40								731.4	763.5	775.3	764.4	728.4	664.2	568.8	438.6	0
41								745.6	770.4	771.8	746.7	692.0	604.2	479.4	313.1	0
42								756.9	773.1	761.9	720.0	643.4	527.8	368.3	159.6	0
43								765.1	770.8	744.9	683.1	580.8	432.6	232.6	2.7	0
44								769.6	763.0	719.7	634.8	502.5	316.2	68.7	2.3	0
45									748.9	685.4	573.6	406.3	175.7	1.8	1.9	0
46									727.8	640.8	497.7	289.9	7.7	1.5	1.6	0
47									698.8	584.6	405.3	150.6	1.1	1.2	1.3	0
48									661.0	515.5	294.5	.9	.9	1.0	1.1	0
49									613.3	431.9	163.0	.7	.8	.8	.9	0
50									554.7	332.0	8.1	.6	.6	.7	.7	0
BASIS TREES	0	1	10	14	12	6	3	7	1	0	0	0	0	0	0	

GROSS SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB -UNFORKED TREES
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.7	1.2	1.8	2.4	2.9	3.5	4.1									0
8	1.8	3.7	5.7	7.6	9.5	11.5	13.4	15.3								0
9	3.2	6.8	10.5	14.1	17.8	21.4	25.1	28.7	32.4							1
10		10.4	16.1	21.7	27.4	33.0	38.7	44.4	50.0							2
11		14.4	22.3	30.2	38.2	46.1	54.0	61.9	69.9	77.8						3
12		18.7	29.2	39.6	50.1	60.5	71.0	81.4	91.8	102.3						2
13		23.5	36.7	49.9	63.1	76.3	89.4	102.6	115.8	129.0	142.2					4
14		28.6	44.8	61.0	77.1	93.3	109.5	125.6	141.8	158.0	174.1					3
15			53.5	72.9	92.3	111.7	131.1	150.4	169.8	189.2	208.6	227.9				1
16			62.9	85.7	108.5	131.3	154.2	177.0	199.8	222.6	245.4	268.2				4
17			72.8	99.3	125.8	152.3	178.8	205.3	231.8	258.2	284.7	311.2	337.7			1
18			83.4	113.8	144.2	174.6	205.0	235.3	265.7	296.1	326.5	356.9	387.3			1
19			94.6	129.1	163.6	198.1	232.7	267.2	301.7	336.2	370.7	405.2	439.7	474.2		0
20				145.3	184.2	223.0	261.9	300.8	339.6	378.5	417.4	456.3	495.1	534.0		0
21				162.3	205.8	249.2	292.7	336.2	379.6	423.1	466.6	510.0	553.5	596.9	640.4	0
22				180.2	228.5	276.7	325.0	373.3	421.6	469.9	518.2	566.5	614.8	663.0	711.3	2
23				198.9	252.2	305.6	358.9	412.3	465.6	518.9	572.3	625.6	679.0	732.3	785.6	0
24				218.5	277.1	335.7	394.4	453.0	511.6	570.2	628.9	687.5	746.1	804.7	863.4	0
25					303.1	367.2	431.3	495.5	559.6	623.8	687.9	752.1	816.2	880.4	944.5	1
26					330.1	400.0	469.9	539.8	609.7	679.6	749.5	819.4	889.3	959.2	1029.1	0
27					358.2	434.1	510.0	585.9	661.8	737.6	813.5	889.4	965.3	1041.2	1117.0	0
28					387.5	469.6	551.7	633.8	715.9	798.0	880.1	962.1	1044.2	1126.3	1208.4	1
29					417.8	506.3	594.9	683.4	772.0	860.5	949.1	1037.6	1126.2	1214.7	1303.3	0
30						544.4	639.7	734.9	830.1	925.4	1020.6	1115.8	1211.0	1306.3	1401.5	0
31						583.9	686.0	788.2	890.3	992.5	1094.6	1196.7	1298.9	1401.0	1503.2	0
32						624.6	733.9	843.2	952.5	1061.8	1171.1	1280.4	1389.7	1499.0	1608.3	0
33						666.7	783.4	900.1	1016.8	1133.4	1250.1	1366.8	1483.5	1600.1	1716.8	0
34						710.1	834.4	958.7	1083.0	1207.3	1331.6	1455.9	1580.2	1704.5	1828.8	0
35							887.0	1019.2	1151.3	1283.5	1415.6	1547.8	1679.9	1812.1	1944.2	0
36							941.2	1081.4	1221.7	1361.9	1502.1	1642.3	1782.6	1922.8	2063.0	0
37							996.9	1145.5	1294.0	1442.6	1591.1	1739.7	1888.2	2036.8	2185.3	0
38							1054.2	1211.3	1368.4	1525.5	1682.6	1839.7	1996.8	2153.9	2311.0	0
39							1113.1	1279.0	1444.9	1610.7	1776.6	1942.5	2108.4	2274.3	2440.2	0
40								1348.4	1523.3	1698.2	1873.1	2048.0	2223.0	2397.9	2572.8	0
41								1419.7	1603.8	1788.0	1972.2	2156.3	2340.5	2524.6	2708.8	0
42								1492.7	1686.4	1880.0	2073.7	2267.3	2461.0	2654.6	2848.3	0
43								1567.6	1771.0	1974.3	2177.7	2381.1	2584.4	2787.8	2991.2	0
44								1644.3	1857.6	2070.9	2284.2	2497.5	2710.9	2924.2	3137.5	0
45									1946.2	2169.7	2393.3	2616.8	2840.3	3063.8	3287.3	0
46									2036.9	2270.8	2504.8	2738.7	2972.7	3206.6	3440.5	0
47									2129.6	2374.2	2618.8	2863.4	3108.0	3352.6	3597.2	0
48									2224.4	2479.9	2735.4	2990.9	3246.3	3501.8	3757.3	0
49									2321.2	2587.8	2854.4	3121.0	3387.7	3654.3	3920.9	0
50									2420.0	2698.0	2976.0	3254.0	3531.9	3809.9	4087.9	0
BASIS TREES	0	0	0	7	10	6	2	5	1	0	0	0	0	0	0	

NET SCRIBNER BOARD FOOT VOLUME TO 6 INCH TOP DIB
WHITE FIR
SANTA FE-CARSON N.F.

DBH CLASS	HEIGHT CLASS 10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	BASIS TREES
7	.6	1.2	1.7	2.2	2.8	3.3	3.8									6
8	1.7	3.5	5.3	7.0	8.8	10.6	12.4	14.2								7
9	2.9	6.2	9.6	12.9	16.2	19.5	22.9	26.2	29.5							4
10		9.3	14.4	19.5	24.5	29.6	34.6	39.7	44.7							3
11		12.7	19.6	26.6	33.5	40.5	47.4	54.3	61.2	68.1						8
12		16.2	25.2	34.2	43.1	52.0	61.0	69.8	78.7	87.6						2
13		19.9	31.0	42.1	53.1	64.1	75.1	86.1	97.0	107.9	118.7					4
14		23.7	37.1	50.3	63.6	76.7	89.8	102.9	115.9	128.9	141.8					3
15			43.3	58.9	74.3	89.7	105.0	120.2	135.4	150.4	165.4	180.2				1
16			49.8	67.7	85.5	103.1	120.6	138.0	155.3	172.5	189.5	206.4				4
17			56.6	76.9	97.0	116.9	136.7	156.3	175.7	195.0	214.1	232.9	251.6			2
18			63.6	86.4	108.9	131.2	153.3	175.1	196.7	218.0	239.1	259.9	280.5			1
19			70.9	96.2	121.2	146.0	170.4	194.4	218.2	241.6	264.6	287.3	309.6	331.6		0
20				106.5	134.1	161.2	188.0	214.3	240.2	265.6	290.6	315.1	339.1	362.5		2
21				117.2	147.4	177.0	206.2	234.8	262.8	290.2	317.0	343.1	368.7	393.5	417.7	1
22				128.3	161.2	193.4	225.0	255.8	285.9	315.2	343.8	371.5	398.4	424.4	449.6	2
23				139.9	175.5	210.4	244.3	277.4	309.5	340.7	370.9	400.0	428.1	455.0	480.8	1
24				151.9	190.4	227.9	264.2	299.5	333.6	366.5	398.2	428.5	457.5	485.1	511.2	0
25					205.8	245.9	284.7	322.1	358.1	392.6	425.5	456.8	486.4	514.2	540.2	1
26					221.7	264.4	305.6	345.1	382.8	418.7	452.7	484.7	514.5	542.2	567.5	0
27					238.0	283.5	327.0	368.4	407.8	444.8	479.6	511.8	541.5	568.5	592.6	0
28					254.8	302.9	348.6	392.0	432.7	470.7	505.9	538.0	567.0	592.6	614.8	1
29					272.0	322.7	370.6	415.6	457.5	496.1	531.3	562.8	590.5	614.1	633.4	0
30						342.8	392.7	439.2	481.9	520.8	555.5	585.8	611.5	632.2	647.7	0
31						363.1	414.9	462.6	505.9	544.5	578.2	606.6	629.4	646.3	656.7	0
32						383.6	437.1	485.7	529.1	567.0	599.0	624.7	643.7	655.5	659.5	0
33						404.2	459.0	508.2	551.4	588.0	617.5	639.6	653.6	658.9	655.1	0
34						424.7	480.8	530.1	572.4	607.0	633.2	650.6	658.3	655.7	642.0	0
35							502.0	551.1	591.9	623.6	645.6	657.0	657.0	644.6	618.9	0
36							522.7	571.0	609.6	637.6	654.1	658.2	648.7	624.5	584.3	0
37							542.7	589.6	625.2	648.4	658.2	653.2	632.3	593.8	536.4	0
38							561.8	606.6	638.3	655.6	657.1	641.3	606.6	551.2	473.1	0
39							579.8	621.7	648.4	658.5	650.0	621.3	570.3	494.8	392.3	0
40								634.6	655.3	656.5	636.3	592.2	522.0	422.7	291.5	0
41								645.1	658.4	649.1	614.8	552.8	459.9	332.7	167.7	0
42								652.8	657.2	635.5	584.7	501.6	382.2	222.4	17.8	0
43								657.2	651.1	614.9	544.9	437.1	286.8	89.1	2.7	0
44								658.1	639.6	586.4	494.0	357.6	171.5	2.1	2.2	0
45									621.9	549.0	430.8	261.3	33.6	1.7	1.8	0
46									597.5	501.8	353.7	146.0	1.3	1.4	1.5	0
47									565.4	443.5	261.1	9.4	1.1	1.2	1.3	0
48									524.8	372.9	151.1	.8	.9	1.0	1.0	0
49									474.7	288.5	21.7	.7	.7	.8	.9	0
50									414.2	188.8	.5	.6	.6	.7	.7	0
BASIS TREES	0	1	10	14	12	6	3	7	1	0	0	0	0	0	0	

Headquarters for the Intermountain Forest and Range Experiment Station are in Ogden, Utah. Field programs and research work units are maintained in:

- Billings, Montana
- Boise, Idaho
- Bozeman, Montana (in cooperation with Montana State University)
- Logan, Utah (in cooperation with Utah State University)
- Missoula, Montana (in cooperation with University of Montana)
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1978. Comprehensive tree volume equations for major species of New Mexico and Arizona: II. Tables for unforked trees. USDA For. Serv. Res. Pap. INT-210, 127 p. Intermt. For. and Range Exp. Stn., Ogden, Utah 84401.

Selected volume tables for unforked trees are presented for major tree species of New Mexico and Arizona. The volume equations used to derive these tables are described in the companion publication, "Comprehensive tree volume equations for major species of New Mexico and Arizona: I. Results and Methodology."

KEYWORDS tree volume equations, tables for unforked trees, New Mexico, Arizona.

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